

ID AP003357 standard; genomic DNA; HUM; 166743 BP.
 XX
 AC AP003357;
 XX
 SV AP003357.2 XP-002372233
 XX
 DT 01-MAR-2001 (Rel. 66, Created)
 DT 03-APR-2001 (Rel. 67, Last updated, Version 2)
 XX
 DE Homo sapiens genomic DNA, chromosome 8q23, clone: KB1907C4.
 XX
 KW
 XX
 OS Homo sapiens (human)
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia;
 OC Eutheria; Euarchontoglires; Primates; Catarrhini; Hominidae; Homo.
 XX
 RN [1]
 RP 1-166743
 RA Shimizu N., Asakawa S.;
 RT ;
 RL Submitted (28-FEB-2001) to the EMBL/GenBank/DDBJ databases.
 RL Nobuyoshi Shimizu, Keio University, School of Medicine, Molecular Biology;
 RL 35 Shinanomachi, Shinjuku-ku, Tokyo 160-8582, Japan
 RL (E-mail:nshimizu@dmf.med.keio.ac.jp, Tel:81-3-3351-2370,
 RL Fax:81-3-3351-2370)
 XX
 RN [2]
 RA Shimizu N., Asakawa S.;
 RT "Homo sapiens DNA chromosome 8 SEQUENCE";
 RL Unpublished.
 XX
 FH Key Location/Qualifiers
 FH
 FT source 1..166743
 FT /chromosome="8"
 FT /db_xref="taxon:9606"
 FT /mol_type="genomic DNA"
 FT /organism="Homo sapiens"
 FT /cell_line="FLEB 14 - 14"
 FT /clone="KB1907C4"
 FT /clone_lib="Keio BAC library"
 FT /map="8q23"
 FT repeat_region 2..495
 FT /rpt_family="Charlie7"
 FT /inference="non-experimental evidence, no additional
 FT details recorded"
 FT repeat_region complement(496..632)
 FT /rpt_family="FLAM_C"
 FT /inference="non-experimental evidence, no additional
 FT details recorded"
 FT repeat_region 633..929
 FT /rpt_family="Charlie7"
 FT /inference="non-experimental evidence, no additional
 FT details recorded"
 FT repeat_region 942..1108
 FT /rpt_family="MIR"
 FT /inference="non-experimental evidence, no additional
 FT details recorded"
 FT repeat_region 1206..1255
 FT /rpt_family="(TAA)n"
 FT /inference="non-experimental evidence, no additional
 FT details recorded"
 FT repeat_region 1261..1494
 FT /rpt_family="Charlie7"
 FT /inference="non-experimental evidence, no additional
 FT details recorded"
 FT repeat_region complement(1966..2266)

```

FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      2390..2446
FT      /rpt_family="(CATATA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      complement(3379..3685)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      3776..3842
FT      /rpt_family="L2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      4125..4175
FT      /rpt_family="(TA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      complement(4181..4494)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      complement(4705..4809)
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      complement(4947..5256)
FT      /rpt_family="AluY"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      complement(5276..5586)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      5598..5636
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      5658..5724
FT      /rpt_family="MER33"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      5725..6049
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      6050..6293
FT      /rpt_family="MER33"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      6302..6518
FT      /rpt_family="MER58A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      6580..6684
FT      /rpt_family="L1MB7"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      6685..6975
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      6976..7069
FT      /rpt_family="L1MB7"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region      7233..7255

```

```

FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 7405..7668
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 8164..8396
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 10826..10860
FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 10893..10927
FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(11600..11887)
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(11890..12185)
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(12241..12291)
FT      /rpt_family="MER5B"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(12387..12510)
FT      /rpt_family="MER5B"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 13582..13616
FT      /rpt_family="(TG)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 13752..13793
FT      /rpt_family="(TTTG)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(13795..14075)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(14267..14565)
FT      /rpt_family="AluSc"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(14623..14925)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 15218..15249
FT      /rpt_family="(TTTG)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(15250..15519)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(15597..15905)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(16095..16380)

```

```

FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 16536..16833
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(17002..17305)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 17564..17686
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 17782..17882
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 18730..19023
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 19024..19045
FT      /rpt_family="(TA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(19114..19275)
FT      /rpt_family="MER58B"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(19276..19578)
FT      /rpt_family="AluSc"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(19579..19687)
FT      /rpt_family="MER58B"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 20755..20897
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 20898..21196
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 21197..21351
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(22512..22738)
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 23002..23089
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 23098..23419
FT      /rpt_family="MER2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 24180..24414
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 24978..25257

```



```

FT      /rpt_family="U6"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 32302..32604
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 32612..32904
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 32905..32948
FT      /rpt_family="U6"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(33044..33109)
FT      /rpt_family="L1MD1"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 33110..33397
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(33398..33495)
FT      /rpt_family="L1MD1"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 33520..33820
FT      /rpt_family="MER44A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(33869..33922)
FT      /rpt_family="L1MD1"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(33948..34230)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(34253..34890)
FT      /rpt_family="L1MD1"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(34967..35278)
FT      /rpt_family="AluY"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 35610..35647
FT      /rpt_family="GA-rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 36225..36512
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(36712..37019)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(37023..37322)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 37999..38298
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 38303..38573

```

```

FT      /rpt_family="AluSc"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(38591..38868)
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(39585..39631)
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(39638..39659)
FT      /rpt_family="(TTTG)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(39660..39943)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(39947..40228)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(40406..40595)
FT      /rpt_family="AluSg/x"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(40603..40879)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(41108..41416)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(41449..41602)
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(41899..42183)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(42191..42466)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(42474..42502)
FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(42541..42847)
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(43054..43337)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(44005..44167)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(44214..44503)
FT      /rpt_family="AluYb8"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(45011..45302)

```

```

FT      /rpt_family="AluY"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  45357..45653
FT      /rpt_family="AluY"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  45720..45996
FT      /rpt_family="AluSg1"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  48687..48983
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  49117..49400
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  50535..50665
FT      /rpt_family="FLAM_C"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  complement(50674..50802)
FT      /rpt_family="MLT1J"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  complement(50803..51120)
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  complement(51121..51409)
FT      /rpt_family="MLT1J"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  complement(51558..51680)
FT      /rpt_family="FLAM_C"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  complement(52377..52502)
FT      /rpt_family="MER91B"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  complement(52705..53020)
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  complement(53023..53313)
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  53360..53653
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  53875..54178
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  54184..54491
FT      /rpt_family="AluYa5"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  54513..54818
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region  54842..54866

```

```

FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(54867..55150)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(55153..55451)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 55461..55493
FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 55517..55567
FT      /rpt_family="Alu"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 55574..55606
FT      /rpt_family="(TAAAA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 55779..55946
FT      /rpt_family="L1MC/D"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(55967..56277)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 56310..56604
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 56622..56941
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 56949..57092
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 57095..57122
FT      /rpt_family="(TC)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 57123..57259
FT      /rpt_family="(TA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 57666..57865
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 57876..58148
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 58162..58197
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 58198..58341
FT      /rpt_family="GA-rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(58433..58558)

```

15-03-2006


```

FT      /rpt_family="(TAAA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(67705..67825)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 67852..68148
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 68872..69184
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(69186..69203)
FT      /rpt_family="MLT2E"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(69204..69331)
FT      /rpt_family="MER41A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 69332..69612
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(69613..70050)
FT      /rpt_family="MER41A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(70051..70123)
FT      /rpt_family="MLT2E"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 70396..70434
FT      /rpt_family="T-rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 70471..70787
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(70788..71062)
FT      /rpt_family="MSTB"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 71069..71095
FT      /rpt_family="AT-rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(71105..71196)
FT      /rpt_family="MSTB"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 71214..71488
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(71549..71722)
FT      /rpt_family="AluSg/x"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(71729..72025)
FT      /rpt_family="AluSg1"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 72645..72661

```



```

FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 72662..72962
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 72981..73277
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 73341..73469
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(73470..73492)
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 73493..73515
FT      /rpt_family="(TTTA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(73516..73796)
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 73797..73810
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(73811..74097)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 74098..74303
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(74378..74465)
FT      /rpt_family="L2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 74781..74888
FT      /rpt_family="AluSq/x"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(74902..75142)
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 75152..75180
FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 75181..75227
FT      /rpt_family="GA-rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 75254..75407
FT      /rpt_family="MLT1J"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(75410..75552)
FT      /rpt_family="L2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 75697..75995

```

<http://srs.cornell.edu/3win/cai-bin/waetz?vn+2+-e+embl-id:AP0033571>

```

FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 80953..81254
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 81426..81737
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 81752..81903
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 81909..82204
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 82219..82349
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 82352..82377
FT      /rpt_family="(CAAAA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 82378..82683
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(82814..83103)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(83535..83622)
FT      /rpt_family="LTR53"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 84533..85059
FT      /rpt_family="MER41B"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(85103..85331)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 85334..85452
FT      /rpt_family="MER41A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 85827..86031
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 86032..86110
FT      /rpt_family="(TA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(86154..86189)
FT      /rpt_family="MER45"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(86568..86737)
FT      /rpt_family="MER45"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 86868..87175

```

```

FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 87217..87463
FT      /rpt_family="L2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 87464..87754
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 88087..88115
FT      /rpt_family="(TTTTG)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(88122..88416)
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(88499..88788)
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 88995..89304
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 89427..89511
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(89512..89811)
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 89812..90008
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 90190..90319
FT      /rpt_family="AluJo/FLAM"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 90322..90619
FT      /rpt_family="AluSc"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 90620..90660
FT      /rpt_family="(CAAA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(90667..90965)
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(90980..91195)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(91342..91467)
FT      /rpt_family="LTR8"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(91468..91799)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(91800..92028)

```

```

FT      /rpt_family="LTR8"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 92078..92822
FT      /rpt_family="L1PA2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(92844..93127)
FT      /rpt_family="LTR8A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 93128..93437
FT      /rpt_family="AluYa5"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(93438..93482)
FT      /rpt_family="LTR8A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 93913..94202
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 94204..94314
FT      /rpt_family="HY1"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 94481..94785
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(95265..95431)
FT      /rpt_family="AluJo/FRAM"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(95435..95723)
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(95726..96160)
FT      /rpt_family="LTR17"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(96161..96251)
FT      /rpt_family="LTR25"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(96252..96479)
FT      /rpt_family="LTR17"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(96480..96564)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 96606..96914
FT      /rpt_family="AluY"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 97136..97437
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 98007..98027
FT      /rpt_family="GC_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(99032..99343)

```

```

FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 100192..100218
FT      /rpt_family="(T)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 100959..101084
FT      /rpt_family="FRAM"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 101093..101399
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 101402..101665
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 101676..101973
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 102037..102346
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(102443..102597)
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 102754..102785
FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(102864..102889)
FT      /rpt_family="L1ME2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(102890..103172)
FT      /rpt_family="AluSg1"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(103173..103470)
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(103471..103870)
FT      /rpt_family="L1ME2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(103876..104174)
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(104175..104326)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(104341..104629)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(104630..104800)
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 104801..104843

```

```

FT      /rpt_family="(TTTA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(104844..104966)
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 104967..104991
FT      /rpt_family="AT-rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 105143..105178
FT      /rpt_family="CT-rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(105183..105219)
FT      /rpt_family="L1PA7"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 105284..105895
FT      /rpt_family="LTR49"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(106230..106305)
FT      /rpt_family="L2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(106330..106631)
FT      /rpt_family="AluY"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(106987..107251)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(107382..107809)
FT      /rpt_family="LTR56"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 108316..108611
FT      /rpt_family="AluYa8"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(109002..109173)
FT      /rpt_family="MLT1J"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(109174..109477)
FT      /rpt_family="AluY"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(109727..109905)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(110307..110441)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(110595..110887)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 110933..110983
FT      /rpt_family="(TTTA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(110984..111267)

```

[HNSDOCID:XP](#)
[2372233A](#)
[L3win/cni-bin/wnetz?-vn+2+-e+lembl-id:AP0033571](#)


```

FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(116992..117286)
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 117465..117753
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(117866..118122)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(118123..118171)
FT      /rpt_family="MER41B"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(118174..118285)
FT      /rpt_family="FLAM_C"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 118554..118847
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 118852..118874
FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 118875..119000
FT      /rpt_family="FLAM_C"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 119001..119021
FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(119033..119326)
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(121146..121396)
FT      /rpt_family="LTR54"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(121412..121518)
FT      /rpt_family="LTR54"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 121531..121807
FT      /rpt_family="L2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(122259..122328)
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(122379..122689)
FT      /rpt_family="AluSp"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 122694..122729
FT      /rpt_family="L2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 122734..122864

```

```

FT      /rpt_family="FLAM_C"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(123074..123369)
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 123472..123755
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(123985..124612)
FT      /rpt_family="MER41B"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 124813..125110
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(125173..125467)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region complement(125542..125836)
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 125993..126119
FT      /rpt_family="FLAM_A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 126336..126535
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 126687..126715
FT      /rpt_family="(GCCTG)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 126931..127032
FT      /rpt_family="MER91A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 128440..128457
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 128458..128610
FT      /rpt_family="THE1A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 128611..128834
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 128835..129011
FT      /rpt_family="THE1A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 129012..129138
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 129183..129306
FT      /rpt_family="AluSq/x"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT      repeat_region 129309..129397

```

```

FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(129460..129695)
FT      /rpt_family="L2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 129782..129807
FT      /rpt_family="(A)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(129838..130014)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 130060..130356
FT      /rpt_family="AluSg1"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 130564..130876
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 131312..131604
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(131830..132115)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 132152..132435
FT      /rpt_family="L1MD3"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 132766..132859
FT      /rpt_family="L1"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 132868..133308
FT      /rpt_family="L1ME"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(133690..133999)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(134102..134400)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(134687..134801)
FT      /rpt_family="LTR33"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(134925..135456)
FT      /rpt_family="MLT2D"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 135833..135900
FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 136122..136444
FT      /rpt_family="AluSg1"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(136580..136885)

```

```

FT      /rpt_family="AluY"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(137463..137761)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 137870..137916
FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(138207..138490)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 138660..138857
FT      /rpt_family="AluSg/x"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(139035..139331)
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(139340..139643)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(139644..140006)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(140607..140728)
FT      /rpt_family="AluSg/x"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 140731..140777
FT      /rpt_family="Alu"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(141617..141926)
FT      /rpt_family="AluY"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(142199..142303)
FT      /rpt_family="FLAM_C"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 142492..142624
FT      /rpt_family="AluJo/FRAM"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(142639..142920)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 142950..143228
FT      /rpt_family="AluY"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(143237..143802)
FT      /rpt_family="LTR14B"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 143803..143842
FT      /rpt_family="(TAAA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(144080..144283)

```

```

FT      /rpt_family="L1ME"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 144423..144464
FT      /rpt_family="(TTTA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(144603..144713)
FT      /rpt_family="L1MA2"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(144732..145034)
FT      /rpt_family="AluY"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(145241..145568)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 145571..145591
FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(145593..145893)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(145905..146205)
FT      /rpt_family="L1ME"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(148434..148702)
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 148994..149415
FT      /rpt_family="MER21A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 149421..149563
FT      /rpt_family="MER21A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(149568..149770)
FT      /rpt_family="LTR7"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(150015..151572)
FT      /rpt_family="HERVH"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(151573..151888)
FT      /rpt_family="AluJo"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(151889..152407)
FT      /rpt_family="HERVH"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(152444..153803)
FT      /rpt_family="HERVH"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 153810..153937
FT      /rpt_family="MER21A"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(154347..154378)

```

```

FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 154557..154615
FT      /rpt_family="(TTTTA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(154616..154899)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 154946..155249
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(155313..155910)
FT      /rpt_family="L1MC5"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 155937..156207
FT      /rpt_family="AluJb"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(156363..156438)
FT      /rpt_family="L1MC4"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 156442..156476
FT      /rpt_family="(TG)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(156482..156606)
FT      /rpt_family="AluJo/FRAM"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(156607..156782)
FT      /rpt_family="L1MC/D"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 157751..158018
FT      /rpt_family="MER1B"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 158079..158098
FT      /rpt_family="(TTTTG)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(158101..158374)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 158833..158861
FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(159090..159354)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(160323..160522)
FT      /rpt_family="MIR"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(161079..161386)
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 162533..162561

```

```

FT      /rpt_family="AT_rich"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 162672..163083
FT      /rpt_family="SVA"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(163225..163519)
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(163947..164239)
FT      /rpt_family="MER58B"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(164401..164710)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(164779..165074)
FT      /rpt_family="AluSg"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 165118..165336
FT      /rpt_family="AluSc"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 165390..165674
FT      /rpt_family="AluSq"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 165675..165710
FT      /rpt_family="(TAAA)n"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region complement(166018..166290)
FT      /rpt_family="AluSx"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
FT  repeat_region 166309..166402
FT      /rpt_family="HERVL"
FT      /inference="non-experimental evidence, no additional
FT      details recorded"
XX
SQ  Sequence 166743 BP; 45461 A; 35141 C; 37330 G; 48811 T; 0 other;
aagcttgga gttacttgcta gattctatatt cagtaaatgaa acacatgaag aaccactttt 60
gtgagcaatt aaagagatat ccacaaagat atattctcaa ctgtaaatca cttattttaac 120
ttttttgaat gtttgtggaa aaactaaaca aaaaccactg atggacggct ttgactggaa 180
ttaaaaaaat aaatggagag ttagggagag ataccaccat gtgtgaaatt tatttactac 240
attatttcta gaaaactatg atgacaaaag agattaatgc cagatggcaa attggaagac 300
cttcaaatta cagtaagggt gaaggtgata atcatctttt atgatgcaaa gattttacaa 360
gaggattcat tgactctatt atagcaaaat actttgataa agctgaacaa cttttaaaag 420
cgagtcatac attttttctc ctttctccct ctttctctct ctgtttcctt tgcttccttc 480
cttccttctt tttttttttt tttttttttt ttgagagaga gacagaattg cttagtcacc 540
caggctggtc tcgaactcct ggccctcaaac aatcctccca cctcagcctc ccaatatattc 600
gggattacag gcatgagcca ccttgactgg cctatttttc ttttatgaaa aatgaagtgt 660
tccaagtctg tttatctttt ttataaagat aaatggttgt ctgcttacca gatactttta 720
caaagaattt atactgaatc tgcccccttca cgcttaagga aagcttactt aacaagatgt 780
cagaaaatag ccaatttttg aaagaaactc atgcaatgaa gagtgtattc tgacaaactt 840
acatcattgc atgatttggt attaaagagc gtttgtacgt tagatgtgaa aatcctcata 900
tctgcccagc ttgggagcaa ttttctaaca gaaaaatagc ctaacagccc agattccaga 960
gcacgagtac atgggatcca attccagttc taacacttga ctaatgatgt gatttggggg 1020
ttgggttagta atcacttggt cctccctttt cttatctaca aaatggatag aatagcattt 1080
acctagggtt actttgagaa tttaaagtga actatgtgaag taatagctat aaaccagatg 1140
taaaattttg tcttttttagt gaattcactt gttaaaaaata caaaaaaaa ttatctcacc 1200
catggtaata acaagaacaa aatgatgatg atgataatag taataataat aataaagtag 1260
aaagtaccaa aaactgtaga actttctgat ctacagttca atacagaaac aatgtattga 1320
tgtaaaagat taaaatttac tggctgaatt ttcacaaaaa cttttgcata gttggagaat 1380

```

.taggttgaaa	aattagtgtc	gtatttcagt	aagcatggcc	aatcatgtgt	cttccatttt	1440
gatcttctta	ctttttcaag	tataacaata	tttaatacca	gatattaaaa	tgaatgcatt	1500
tagaagatat	tcgaaagaat	gaagcatgtg	cattgatatt	gctatcacta	aaaatagtta	1560
tattttacaa	atgtatacac	tatcagtgtg	gtagaatgtg	tataaaaatt	ataaacaaat	1620
atcttggggg	atatgctcaa	ttttttccca	tgggaagtatg	agaacaacaa	gcttattttaa	1680
cccgtgttta	caagagtgtg	agcagacccc	tttatctggc	atattttactc	aggtattttaa	1740
gtgagttacc	atatgttcca	tatatgtgatt	agcaattgag	tattggcact	gcttattttac	1800
ttattttgag	taactcctaa	taagatacta	gaattttttg	aactttattcg	tcataatttc	1860
ctaaggaatt	atcaatctgt	cttatttcagt	atatactttt	ggcagtttta	gaaagtgtga	1920
atggtggatc	taatgattat	ttatcaaagc	cttttcgtca	tctagttttt	ttgtttgttc	1980
gtttgagaca	aggtcttgct	ctgtcgccca	agctggagt	cagtgggtgca	atcttggctc	2040
actgcaacct	cgacctcctg	ggctcaagt	atcctccac	ctcagtcctgc	cgagttagcta	2100
ggactacagg	tgtgcaccac	catgcccagc	taatttttta	ttttttgtag	agacacagtt	2160
ttgccgtgtt	gcccaggctg	gtctcaaact	cctggcctca	atcggtcggc	ccacctcagc	2220
cctccaaag	tgctgggatt	acaagcatgt	accaccgcac	ccagctcatc	atctagattt	2280
aaaagaatgg	agccatttgc	tgttccacgt	gcaaattattg	ttttagtctc	caatgaatat	2340
gtattcattg	tcattttaact	cattcctctt	ttaggagtg	tatggtgtgt	gtatgtatac	2400
atgcacatac	atgtgcacac	atgcctatac	atgtacttaa	catataaacac	aaagattttt	2460
ttctaattgg	actatactat	agcctacttt	gttggttaata	tctgtattat	gtatatgaga	2520
tggaaagaag	acataatgtg	aaatttagtg	aaagctaata	ggaaaattaa	catacagatt	2580
ttttgagatg	acttctgata	cattgagtga	tgtctgtttt	gaataatttc	agaggttttg	2640
ggtaaaagg	cgtagtttc	atgcagtatc	tgaacccctg	ctaatttcaa	atgctagaca	2700
ggcttcctca	aaagcgtatt	tctatcagtg	ctgatcatga	agcattcaaa	taaagggaag	2760
tagagattct	gttgagaata	taatgaaata	tctctgttct	ttttgctttt	aagaagctta	2820
ttattagaaa	actgggaaca	ctttaacaca	tggaaaagga	tagccatact	ggaaatgtcc	2880
caagggaagt	tgtgacaaat	gaccaaactc	ttttcagttt	taaatgtttt	gagatgcaag	2940
attatatgta	tttaggggaa	aggaaaagg	ggacagtgg	agagataaag	caaatggagt	3000
ggaacgtgag	ctgggtcaga	aaaaaaaaat	gagtacaggc	catttcaggc	attgaacatc	3060
ggtaggggag	cagatgattc	aggtgcaaa	aaaatcactc	cagcactttg	ttctgagaaa	3120
aaatccacag	tcagtgcagc	ttgggtaaaa	acaggaatgt	tcaaagaggt	accagtcttg	3180
taggaatcaa	atgctcata	gtatgaataa	aggaatgtaa	ggttgagatc	aatttgtgga	3240
agacatcata	tgtcatgtaa	ggaagttaga	ccttgtaaaa	ggtaggaaat	atctgcagcg	3300
gttttttttt	ttaaagtaag	aatgaaaatt	aattggattg	ataagatata	ttgggaagga	3360
aactcttgaa	gataagaatt	ttttcttttt	tttttttttt	ttttgagatg	gaatttcgct	3420
cttgttacc	agctcggagt	gcaatgggtg	gatctcagct	cactgcaacc	tccgcctccc	3480
gggttcaagc	gattcttctg	cctcagcctc	ccgagttagt	gtgattacag	gcatgcacca	3540
gcaegcttgg	ctgatttttg	tatttttagt	agagataagg	ttgtttatgt	tggccagcct	3600
gggtcctaac	tcctaaccct	aggtaatccg	cccacctcag	ccttccaggt	gctgggatta	3660
caggcatgag	ccaccgtgcc	cagccaataa	gaatttttcc	taatgtctca	cttgcgtgtc	3720
atcctcctat	tagatgatag	cgcagttgct	atcagtaaag	acttgtattt	agttatgtat	3780
actcggtccc	taaaacagt	tctgacacat	agtagttatt	ttataaatct	tggttgtatg	3840
aagaccattt	aagagaagac	cagtttaatt	atccactcag	ttctgtgggtg	gagcctgaca	3900
acaagttagg	gaaaaaagaa	ctgtggtaac	aaggaagcca	gagctttatg	ctaccagctt	3960
ccttcaaaa	tcttagctaa	agtggagctg	ctaagaagta	agatgtttgc	ttcagtagta	4020
tggccagggc	aaatagcagt	atataatcaca	tattttattt	aaagtttttc	ataagctatt	4080
attttattta	atcttatcgg	gatgggtgtt	cttggttaatt	actttatata	tatatatata	4140
tatatatata	tatatatata	tatatatata	tatatatttt	tttttttttt	tttttttttt	4200
tttttttttt	gagatggagt	cttgccctgt	cgcccgagct	ggagtgtaat	gggtgtggtc	4260
tggctcactg	caacctccgc	ctcccaggtt	caagcgattc	tcctgcctca	gcctcccag	4320
tagctgggat	tataggcgcc	cgccaccagc	ctgggctaatt	ttttattatt	tttagtagag	4380
acagggtttc	accatgttgg	ccaaggctgg	tttcaaattc	ctgacctcag	gtgatctgcc	4440
tgccttggcc	tcccaaagt	ctgggatcac	aggcggtgagc	caccgcacct	ggccttttgt	4500
taattacttt	taaaggcagt	agtaatatca	aataatattt	aagcctaate	taagataatc	4560
tttttctaca	gatttttagt	tacaaatccc	cagatatttc	cttgtaaaca	taatttctat	4620
tattttttca	aagtctccct	tcttaaaaaa	aatctttatt	tatatatact	actttgtcgt	4680
taacagactc	ttttcacctt	ttgttttaatt	tcttaaaaata	accttatatg	aggtttagtag	4740
gaatttttgt	ccatagcag	gggtgggaac	agggtttaga	atgatttagc	ccaaagtcac	4800
atagctaatt	tatgattaaa	tttgtattta	gagttaaatg	tggggagact	aaataagagg	4860
ttatttgcaa	gggtaaaagt	gatcagaact	ggaatttagt	cctagtttca	ccactttacc	4920
ctatgatgct	cttagacact	tttttttttt	tttttttttt	tttttttttt	tttttttgaga	4980
tggagtctct	ctctgtcacc	caggctggag	tgcagtggag	cgatctcagc	tcactgcaac	5040
ctctgcctcc	cagattcaag	cgattctact	gcctcagcct	cccagtagtc	tgggactaca	5100
ggcagtgcc	accacacctg	gctaattttt	tgtattttta	gtagagatgg	gtttcaccat	5160
gttagccagg	atggtctcga	tctcctaagc	tcaggatctg	cccgcctcag	cctcccaaag	5220
tgctgggggt	acaggcgtga	gccaccagc	ccagcctctt	agacactttt	ctttgttttt	5280
tgtttggttg	ttttttggag	tttttttgag	acagggtctc	accccgttac	ccaggctgga	5340
atacagtgc	atgatcacag	ctcacttcag	cctcaacctc	ccaggcttga	gtgatcctcc	5400
cacctcagcc	tccaagtag	ctggaaccac	agttgcatgc	cgccaccccc	actgattttt	5460

15-03-2006

ctccttttat	tccgatgtac	aaaatatcat	tatgtcaaaa	tctgactatt	ttgaatgcta	9600
acatcattgt	gctgatatac	ccttcttcat	gagagtattg	tgaaccatgt	atcggtttac	9660
cgaataccag	cagtggttac	tgttacgtat	tgcctaattg	ctggcctatt	aaattaaaaat	9720
ttgcctttct	gccttgagtc	atatgagaaa	atgatgttgc	cacttttcta	gtgcgtatca	9780
ctttgcccc	actcccttgc	atctctgttc	cttagagtgg	ataagacatt	tattaaatga	9840
aatgatttat	caccattttg	catgttgaga	gctttcattc	caagatgaat	catgcatgtt	9900
ctggtgagtg	caggttgtgt	ctggatttct	tatcacccca	cctttttgag	aatattatag	9960
atgtttgata	gagctagacc	agaacttcaa	agattgagct	aatgttcttt	ctctcaagta	10020
ttaatatattc	agatgttcat	actatccaat	actggtggct	tcttggtagc	ccactcttta	10080
aattaccgtc	atttttacc	tggagacacc	agtctgcaaa	gtgatactgt	tcaatttgct	10140
ggaaggcatt	ggcgatatct	ccttgctctt	ttgttaatga	ccttcccacc	tccccacacc	10200
tcagttgttt	ccaaaccatt	ttcttagcct	tgttaccttt	tattttttgc	ttgataaact	10260
ggtggaattt	attgccatgg	tacagcaatg	acttctactt	acccattttc	actgtttacat	10320
attagctatg	cttttagtatt	ttgttgattt	ctttttcgct	gtcttggtga	tgccatcctt	10380
gctagcaca	tcctatgtca	tgtctggttt	tttaaaccatt	gtgatcatta	tgttttttag	10440
tgtcagagaa	atagtatattt	tgtgttataa	tgtgtattct	cacctcttgc	catatttcct	10500
aagtctctgt	cccaaatact	ggcaaagttc	ttcataaggt	gatgtgtttg	cttccaggat	10560
tgttgaaaag	gcaggggtg	ttgttgagag	gtggcaaat	tgaatccaat	tacagagccc	10620
aatactgcag	ttcatactta	aaataatctt	gataactgtt	gtagaatagc	aaactctgtc	10680
tgtacatagg	cagttttcca	ggttcttttt	ggcatttttag	ttgactaaga	atatggtaac	10740
cagaaaactc	agttccttac	caacaagtga	aatgtgttgt	aaaattgact	tttttccagt	10800
ggaagaattt	agcacttgaa	ggagcaattt	ataatagata	ataattaaaa	attaatttat	10860
gtgttactcc	taattttaatg	tgcatagtgc	cctattttagt	attaaataaa	ttttatttct	10920
attttaacca	ggtgattctc	atctaaatgt	tcaagttagc	aactttaaat	ctggaaaagg	10980
agattctaca	cttcagggtg	agagaaatta	catgtaactt	aaattgaagg	cccatacaaa	11040
tagaaattta	tatacatacc	tctttcctca	aatgaatgac	acagaaggaa	agaaaaaagt	11100
cttaaaatga	tttttaatta	ataaagtaac	ataatcacag	tacagagatt	ttggaaaaata	11160
aataaaaaaga	aaaatcacac	ccacttctaa	cgatctttga	tatgttctag	tctttttccc	11220
ccatatataa	aaacatttcag	tagtcgctta	tattgcaact	ttgaaccttg	tcacttaagt	11280
cagtagagaa	gaaagatttt	tgttgggctt	gggtttaata	tagcatatat	cggataaaat	11340
acttgatgct	tgtatgttaa	aaaaaaaaaa	agcttttagt	cctataatgt	tttaactgct	11400
tccttgacag	tcaagtatca	aatatttcac	aatggattat	aggctaaagt	ttttcattgc	11460
tttataaata	gaaaatatgt	tttatttact	catttatgat	aaagattgaa	ttaagttagag	11520
tgttatgcct	gacctgaaaa	caaaagtgtt	gtagtaaaat	aaaattggaa	atgaaaaaag	11580
caccttcttc	tttcaggcct	tttttttttt	ttttttggga	aatggaattt	caccttggtt	11640
gcccaggctg	gagtgtaatg	gcatggtttt	ggctcactgc	aacctccacc	tcccgggtgc	11700
aagcaattct	cctgcctcag	cctcccagat	agcagggtat	acaggcgccc	accaccatac	11760
ctggctaatt	tttttatatt	ttagttaga	tggggtttca	ccttggtggc	caggctggct	11820
tcgaactcct	gacctcaggt	gatccacca	ctgcagcttc	ccaaagtgtc	ggaattacag	11880
gcatcaggct	tttttttttt	ttttttaaag	acagagtttt	gcttggtgtc	caggctggag	11940
tgcaatggca	caatctcggc	tcactgcaac	ctccgctccc	tgggttcaaa	caattctgct	12000
tcagcctcct	gagtagctgg	gattacaggc	acttgcaact	acgcctggct	aattttgtgt	12060
ttttagtaga	ggcagggttt	caccatgttg	gccaggctag	tcttgaaccc	ttgacctcag	12120
gtcatctgcc	tgccccccag	ctcccaaagt	gctgggatta	caagtgtgag	ccactgcgcc	12180
cagcctcatt	tcacactttt	cagtgccttg	ctttagcact	gtcagcttcc	ttcatgcccc	12240
tgattctcaa	ccctggctac	acattagtta	tccaggaagc	tgtaaaaaac	aacatgtaca	12300
cacatatatg	taaaaagaaa	caggtaactta	tctatacaca	cacctatgtg	tattttgtgtg	12360
tgtgtacata	catacactct	acatatataa	tgatacctgg	gtccaccac	aaagattcag	12420
attttaattg	gtctgggctg	aggtccagg	gtctatttgt	aataaatttt	tcagtttaatt	12480
ttaatgtgca	gccagggttt	agaatcattg	cttgatacat	aatgtaatat	atataaataa	12540
ggaagaaca	tgtactaag	gaaatgtctt	catattctta	gtgggtgagt	attcagaata	12600
tgtgtcattt	tctcttttgc	tctgttgatc	ttcttttgag	caagtatttc	tgctgtgaac	12660
aactttgtta	gtatatatgt	tatgttcaag	cctcctgttt	ttaaattaag	gcaatccttg	12720
gtgatcaaag	gatagtaggg	gaagtgaag	ataaatataa	gtcaagcaat	catagaaatg	12780
tgaaaatatc	ccagttttta	gaagtcatgt	acctgttttt	taattattcat	tttcttttct	12840
ttaagtttct	tcaggattga	atgaaaacct	cactgtcaat	ggaggaggct	ggaatgaaaa	12900
gtctgtaaaa	ctctcctcac	agatcagtgc	aggtgaggag	aagtggaaact	ccgtttcacc	12960
tgtctctgca	ggaaaaggga	aaactgagcc	atctgcctgg	agtcaagaca	ctggagatgc	13020
taatacaaat	ggaaaagact	ggggaaggag	ttggagtgtc	cgttcaatat	tttctggcat	13080
tggtgaagaag	tgtagaaaa	atttaacttt	atttaaaatt	actaatcttg	tacattttta	13140
atttttcaga	aatagaaaaa	aaaactatga	atagaaaaat	aagtactgct	ctgcagaaat	13200
aatagtaata	attaactcat	ctcacatcct	ttttgtagag	caagggtggga	attaaataag	13260
taaataacat	catttactct	ttacatagt	ctttcacata	ctttatcaca	tttgattatc	13320
aacatagcta	actggtgtta	ttatatattc	ttagtgtatg	gatacatgta	atgtgtgggt	13380
agactttttg	attaatttca	acaattctgt	tgagtctaaa	taaaaatagt	aaatggaaat	13440
acagttgata	acatccactt	atattttaca	gtctgcattg	tgcctattta	taattaaatt	13500
ttcctccgga	ttttaatata	aagaccagta	gttgagaagt	ttatttctgt	tgagagctat	13560
caagttaaaa	gcagcttaat	ttgtgtgtgt	gtgtgtttgt	gtgtgtgtgt	gtgtgtatta	13620

tagaaaagaa	atccacatta	catgtgggca	attgcaaaat	gataaggaaa	atcccaaaat	13680
gccacctagt	gacaactgct	gttattttata	tttcttctcc	ctccctttct	cctgcccgcga	13740
actgtatata	gtgtttttttg	ttgtttttttg	tttgtttgtt	tgttttgttt	tttaattggag	13800
tcttgctctg	tctcccaggc	tggagtgcag	tggcgcgac	tcagctcact	gcaacctcca	13860
cctcccgggt	tcaagcgatt	ctcctacctc	agcctcccga	gtagctggga	ttatagacat	13920
ggcatcacca	tacctggcta	atTTTTctat	tttttagtagg	gacgggggtt	tgccatgttg	13980
gcgaggctga	tcgtgaactc	ctgacctcag	atgatctgcc	agcctcggcc	tcccaaagt	14040
ctgggattta	caggcgtgcg	ccatcgccac	cggcctatag	ttttgcttta	gtgtttttgt	14100
ttttgatgta	attcaagttg	aatatgcatg	tttatgtctc	ccctagtccc	cacttaacat	14160
tgtaacataa	acatttttct	tactttttgt	aagtatatatt	aatggcccta	taatgtttta	14220
ggatagcata	acttacttaa	ctattcccat	attattcaag	aagtaatttt	cctttttttt	14280
ttgagatgga	gtctcactct	gtcgtgtgca	cgctggagt	caatggcatg	atctcggctc	14340
acaacaccct	ctgcctcctg	ggttcaagca	attctcttgc	ctcagcctcc	caagtagctg	14400
ggattacagg	catacgccac	caaactcagc	taattatttt	tttgtatttt	tagtagagac	14460
ggggttttcac	catgttggcc	aggctgggtt	caaactcctg	acctcaagt	atccaccac	14520
ctcggccttc	taaaagtgtta	ggattacagg	ccacggcgcc	cagccaattt	tccttttttt	14580
aaccttgta	caatgtgtt	cacggaatat	atttgtttgg	gatttttttt	ttgtggtttt	14640
taagatgggg	tctctctctg	ttaccaggc	tggagtgcag	tggcatgatt	tcagctctct	14700
acaacctctg	cctcctgggt	tcaagcattt	ctcatgcctc	agccaccgga	gtagttggga	14760
ttacaggcgc	acaccaccac	acttggctaa	tttttgattt	tttttagtag	aggtgggggt	14820
tcaccatggt	ggccacactg	gtctagaact	cttgacctca	agttgtcttc	ctaccccagc	14880
ctcccaaagt	gctgggatta	cagggtgtgag	ccaccacacc	tggccatggt	ttgcggttat	14940
tctctaaagga	agagtccttg	tgagtगतat	tggattaaag	ggaatatgga	tgtttgtaat	15000
gctctactac	atagtgcccta	agtattttct	aaagagagttg	ttctaattta	tactcaaagc	15060
atcagtataa	gtgcccattt	atcatatgct	taccaaggtt	ggggattttt	tttttccgcc	15120
ttttctaatt	cgataagcaa	aaagtacgta	aattattttg	gttaactttt	tgaaatcact	15180
gatgagattg	aaaagttttc	cacaactttc	ttggctcattt	ctttttttgt	ttgcttggtt	15240
gtttgtttga	gacggagtct	cgctctgtcg	cccaggctgg	agtgcagtgc	aatctcagct	15300
cactgcaacc	tccacctctc	aggttcaagt	gattctcctg	cctcagcctc	ctaagtagct	15360
gggattacag	gggcctgtca	ccacaaccgg	ctaatttttg	tacttttagt	agagacaggc	15420
cagtgttggcc	aggctggtct	caaactcctg	acctcatgat	tcacctacct	tggcctccca	15480
aagtactggg	atgacaggcg	tgagccacca	tgcccagccg	tttcttggtc	atttctattt	15540
cttttatgaa	ttgtctgttc	ttgttatttt	cccatttgtc	taatgagctc	ttcatgtttt	15600
tttggtttgt	tttggttttta	attttttgag	acagggtcgt	actctgttgt	ccaggctgga	15660
gtgcagtgg	gtgatcattg	ctcactgcag	cctcgacttc	cagggctcaa	aagatcctcc	15720
tgctttagcc	ttcttagtag	ctgggaccac	aggcatgtgc	caccacacct	ggctaatttt	15780
ggatattttt	tttagagaca	gtttcgccat	gttgccctgg	ctggctccta	actcctgggc	15840
tcaagtgatc	cacctgcctc	ggcttctcac	agtgcgtggga	ttacagatgt	gggccaccac	15900
atctgcctac	tattttattt	tttaaatcta	gttatacttt	cttgtgcatt	aaacatacga	15960
ttttttctct	tgtgcttatg	gcagatattt	ttatctgctc	taatttgagg	gagcaataga	16020
tactagaaac	tttttagttt	tagtatgraa	gtagaaaaat	atttcttctc	ttgttgtag	16080
gctttttctg	gaactttttt	ttttttttga	gatggagtgt	tgcccttggt	gcctaggtctg	16140
gagtgcattg	gcacgatctc	ggctcaccac	aaccaccgcc	tctcgggttc	aagcaattct	16200
cctgcctcag	cctcctgagt	agcctggatt	acaggcgtgc	gccaccacgc	ctggctaatt	16260
ttgtattttt	agtagagatg	gggttttctc	atgttgggtca	ggctgggtctc	gaactcccag	16320
tctcaggtga	tccacctgcc	ttagcctccc	aaagtactgg	gattacacgt	gtgagccacc	16380
aacactggcc	cctctctttt	aaagctaaca	ccctcaaaaa	tcaaacacca	gatcatttaa	16440
ttatatgtgt	tttaagcttg	ctctcccttc	ctccccatta	tattgaaaaa	ttgtgtagcg	16500
gtatcaaaa	ttgtttgaaa	gagacatttc	cttgccctggg	catggtggct	catgtctgta	16560
atcctggcac	tttgaggggc	tgaggctggc	agatcgctcg	agcccaggag	ttccaagacc	16620
agcctgggca	acatgggtgaa	accttgtctg	tactaaaaata	caaaaaaatc	gctgggcatg	16680
gtggcacgtg	cctgtaatcc	cagctactcg	ggaggccgag	acgggacaat	tgcttaaacc	16740
tgggaagcgg	agattgcagt	gagccaaggt	cgagccactg	cactccagcc	ttggcaacag	16800
agcgagactc	cctctcaaaa	agaaaaaaaa	aaagaccttc	cctaaattcc	cactctcatt	16860
tttagcagag	aagaaagcat	taattttctgt	gctataaaagc	atcctttcat	atttggtaaa	16920
agaaatgggt	gaattttatg	gagtaattgt	aggaacctgt	tgaccttttg	ggatatttac	16980
aatttgcaat	ttgctgctgc	cttttttttt	ttttttctt	aagatggagg	cttgttctgt	17040
cacccaggct	ggactgcagt	ggcacaatct	tggctcactg	caacctcacc	tcccgggtcc	17100
cagttcaagc	aattctcctg	cctcagcctc	ctgagttagct	gggattacag	gcacgtgtca	17160
ccatgccccag	ctaatttttg	tatttttagt	agaaataggc	tctcaccatg	ttggccaggc	17220
tgggtcttgaa	ctcctgacct	cataatctgc	ccgcctcggc	cccccaaat	gctgggttta	17280
gaggcatgag	ccactccgcc	cagcctacaa	tttacttgta	aaagttatat	agcatttcat	17340
aattaggaca	taaattagat	ggtatttgct	taatgttggt	acagataata	ttaaacagca	17400
aattagagtt	cctgcctaga	tagactagga	cttttatgga	aaatgaaagg	gaactatatt	17460
aaattagatt	tgtaatgggt	cactggaaag	agacagatgt	gactcgtctc	atggagggtt	17520
acgttcttta	aaataagaaa	tgtcttgaaa	atattgagaa	agtagcatgg	tatagaggag	17580
tgaacaggga	ctgggtcaga	cagatctatt	aggtatgaat	ctctattctt	ctacatgata	17640
gcttttatgg	acattcaggc	tagttatttta	acctgtatga	acctcactat	tatgtaattg	17700

15-03-2006

tcagagtttt	ctttctagca	cctgaattc	atgctttatg	ttttaatttt	aattctaatt	21840
tctcaccttt	aaaggtcata	agaatataat	ttaataccaa	atgtactact	tgaaacctga	21900
ttattgaata	cctgtagaat	taaaactgaa	ttttcgtaat	tgaggcaata	tttaaacaaa	21960
gttttcttct	agttgctctg	tagtatttct	agttttttaa	ttttttgttt	taaatgaatg	22020
tctgtttctc	ctcctaggtg	gtataataga	ctgaattaaa	tatacagaaa	tggtcttgta	22080
tttgtgaagt	atacacacat	ttttgtgccg	gtagaaaact	actttcttaa	cccagttgcc	22140
agtagaagtt	tagttaaagg	aagacathtt	agaaggggag	aatatgggtt	gtatgttcgg	22200
aaagctcatg	ccgtcttcat	ttaaaaaaaa	aaaattatga	gttttttttc	ctcacaaacc	22260
taaatctcaa	aatgtacttt	gtctgaattt	ttatttcaca	tcctttttta	ctatttactg	22320
ttttctactg	ttagcactta	tatgttccct	gtggggtttt	ccaccatttt	taagcatatg	22380
ttttccctct	ccaagtagag	ttaagaactc	tctgaaaatg	gggactagca	ctctttcata	22440
cactcaggac	ctagtgaag	cctttatata	taggtgttcg	gtggtaataa	taatgacaat	22500
aaaaacactg	gactatgtgc	caggcactgg	tcttagtctt	ttggatttta	ttatctcatt	22560
taatgcttaa	aacattttct	tgtggtaggt	tttatttgtt	tccacacttt	ccagatgaaa	22620
aagttgtgac	dagggaaaag	tatctagctt	ttcccaggcc	acacagttag	ttaaatggag	22680
gaggggtgga	ttcatacctt	gctagtctgg	ctctagagtt	catgctctta	accactatct	22740
ggtagacgct	ttgtgatgat	agtaatcact	aaggtaaagt	ggcgacacag	tggttaaagc	22800
acagttctta	cagattaagg	gagatgagga	gagaaagatc	agggaggacc	atatgtgaa	22860
atgcatgcct	tgaattgctg	gctaaagggt	agggggctgg	gggttttcag	tactagctta	22920
gacagtagat	acgaatttta	gtcccagctc	taaaatgtag	tagtacctca	tatggttagg	22980
gctttgtcac	ttgtctggga	gctgtaaaat	cgagcaaata	atgtgtcata	tctgttttca	23040
taggttggtg	tgaggcttta	atgagataat	gggtgaacat	gaaagctctg	taaattacag	23100
tcactcttca	gtatccatgg	ggggttgatt	ccaggacccc	cctcagggtac	caaaatcccc	23160
aggtgctgaa	gtctcctgtg	ataaaatggc	atagtatttg	catataacct	acatatgtct	23220
tcccatatat	tttaaattat	ctcttgatta	cttgtagtaa	ctaatacagt	gtaaatagtt	23280
gttatactgt	attgttttagg	gaataatgac	aagaaaaaaa	agtgtgtaca	tattcagtac	23340
agacacagtt	cattcatttt	ttttccctgaa	tatttttgaa	cccacaaatg	gaaaacccat	23400
ggatacgag	ggctgactgt	gtatgaagta	tttaaatacca	aggttttaca	aggatgtgaa	23460
agcactattt	ttggggaaaa	aaataaacag	tatatttgtg	ctttaggaag	aattatcagc	23520
tatatgcaga	atagaattga	ggatgattat	aacaatgata	ggagtgacta	taggaaaaata	23580
gcagtaaggt	atctttgggt	gctgtgggtt	gaggcagagg	aaaattgagt	ggacaggtct	23640
ccaggctttc	ctgcttggac	agagtagatg	cactttttat	tttatccata	ttaagatact	23700
ttgaatatga	aaaacatgat	tagctgctaa	aataaaaagat	ttttaaaaca	tgtatccaca	23760
ggattctata	cttaatcaaa	gtaatatgta	tcagaaacac	catcttcctc	aagtttgtaa	23820
tgtgttattg	gcagtctttt	taagtccaga	gtttctcttt	aacattttct	ctgtaaactt	23880
tattttctgt	gtcaccactc	ttaatgcagc	tctatttttg	gtgctcagtg	aatttagtta	23940
ttactttctg	atttctaaaa	tgaatgattt	agtattttag	attacaaatc	cacaaagtat	24000
attacattag	attttacattt	acagtatgat	ataattaaca	tattggccct	ccagtttgaa	24060
gacatacatt	aatctattac	tatcttgacc	ataaaggaac	agcattattg	taacccatgt	24120
aaaaagtcag	atgttgaaata	gaactttttc	ttggcacaca	ggggtgaatg	aattcgcttc	24180
agcataatgg	agtggttgag	agcatgagct	ttcaggacag	actacctggg	tttcaatctt	24240
aacttccctg	cctttgcccc	tatgcaggtt	acatgattat	tctatgcctc	aatttccttc	24300
tctgtaaaaa	taacaatttc	tcccaaacag	tacgggtgag	aagattaaat	gagtttaatac	24360
atataaagct	cttagaacac	tgcctcacat	atagtaagta	tgcagtaagt	actgctgttg	24420
gtatccttct	agtggcaaaa	ttagtctaac	caatgtgggt	aactaaccce	atgttggttaa	24480
cactggagaa	tgtctaacat	aattgttttc	ttttattaaa	aagttattaa	agtttacatt	24540
gaattaaagt	ctgacaagaa	acagctgaca	accaaataaa	gaccagcaat	gagatgctta	24600
aacctaaaaa	attattccat	aagtgaatta	aatggagaga	caaattcttt	acccttttga	24660
aaagaaaaac	agtatggctc	tttgaaaaga	attaagttct	gacaagaaac	agctgacaac	24720
caaataaaga	ctagcgaaga	gataacttaa	cctaaaatgt	tattccataa	gcaaatataa	24780
tgaagagaca	aattccttac	ccttttgaaa	agaaaaaccag	tatggctcct	tgaaaagaca	24840
ttggcagact	aatggaaaac	tttagcgata	agaaattata	attgaagcaa	actatactgt	24900
gaatcatttt	taagggaact	atgtctaaga	agtttttttg	tacattaggg	ctatgaatct	24960
taagaattag	ttaccagggc	cgggtgccatg	gctcacactt	gtaatcccag	cactttggga	25020
agccaagggtg	caaggatttc	ttgagcccac	gcgttcaaga	ccagcctagg	cagcatagtg	25080
agaccccatc	tctacaaaaa	aaaattagct	gggcgtgggt	cgcatgcctg	tagtcccagc	25140
tactcaggag	tctgaagtgg	aagatcactt	gagcctgaga	agtcataggc	acagtgtgcc	25200
atgatcttgc	cactgcactc	cagcctgggc	aatagagcga	gacctgtca	taaaaaatac	25260
ttttactaag	catttttactc	gattttttatt	tttcacctcc	acctcctacc	acatgtatta	25320
agaaaaatggg	tgacatgttg	gtatattgcc	cactcaattg	cctaaacttt	cttctgctta	25380
atagtttctt	ttctggcaag	aagtcttaga	gacatggctt	atggacggca	attttcaaaa	25440
tctgggttct	ttatctgtga	gattttaagca	aagccactga	tagcttggtg	tgtgaacctc	25500
ctaaagtatt	attaatgaat	ggttgggtata	agatgagtag	ttgggtccag	acatctacta	25560
cagtgaattg	aagtatatct	tacatatgaa	gtatatctta	atgagagggt	catcagaatt	25620
gtgagaaata	aattttttaac	tatacatgcc	ttatagatta	gaaactgggt	ttaatatcat	25680
cagtataaat	aaaaacagta	gctaccattt	attgagcgct	tactgcattg	ccatgaattg	25740
ctttacatgt	atctcatata	atcctctcag	caatcctatg	aagttgataa	tagagcccat	25800
taagaaactt	gaccaaatac	atcttgttat	taagtggtag	aacaatatte	aaatgtatat	25860

ttgttttgaca	tgaagaccca	tgctcttcgc	ctctgtgcta	ctatgtaata	ctgactccag	25920
atacttgctc	atgggtggtga	athtagaaat	acaggaagga	acttcctttt	ttataacaca	25980
tttcacactt	gtaatcacct	gttccatgtt	tttccctccac	taggctataa	attccttatgt	26040
tgtctctccc	tgctctccac	tagcttagct	cttcttttgtt	tccacagccc	ccatggcaga	26100
atctgtcact	ctgtatttaa	tagtttggtta	agcttaccta	tcttcacccc	tgaatagaca	26160
gactacaagc	tgacagtga	gaaggattct	attttacttg	tttttctatc	tctagtacct	26220
acctagctca	agttctagca	catagtaagt	gcttaataag	gattggatag	atgtaatttc	26280
actattaaaa	tatatttatt	attccaacct	gggcaatata	gtgaatcccc	ttctctacaa	26340
aaagttaaaa	aattagccag	gcatgggtggc	acatgggtgt	gggtcccagct	gctcaggagg	26400
ctgaggcagg	aggatcactt	gagccccagg	aggttaaggc	tgcaagtgaac	tatgattata	26460
ccactgcagt	ccagcctggg	tgacagaata	agaccctgtc	tcttaaaacta	agaaaatata	26520
tatatattat	atacatataa	tgttttattt	ttttctgtct	cttcctcata	aatttgagat	26580
catactgtgt	agacaatttt	gtctatgatt	tttttctgt	gagcgttttc	ccagattatt	26640
atataattctt	ccaaaaccta	gattttaaaa	ctttcataag	aatgtattat	atattcctgt	26700
taaacaaaaa	caataataga	gttcacctgg	aaaaataaga	ctagcagaaa	gtaaatagga	26760
gtactaaata	agagtaatgc	aaacaaattt	gtccttctag	atataaaaaat	gtattgcaga	26820
gttatgtata	gactgtctcc	aggaatagat	cagtgggaata	gaatagaaat	tgcaagaaac	26880
gactgaagtg	catataaaa	aattgagtaa	ggccgggcac	agtggctcac	gcctgtaatc	26940
ccaacacttt	gggagggtga	ggcagggtga	tcaagaggtc	aggagttcga	gaccagcctg	27000
accaacatgg	tgaaccctg	tttctactaa	aaatacaaaa	attagccggg	tgtgggtggtg	27060
cacgcctgta	atcccagcta	cttgggaggc	tgaggcagga	gaatcgcttg	aaccggggag	27120
gcggagggtg	cagtgaaccg	agatcggtgc	actgcactct	agcctgggtg	acagagtgag	27180
actccatctc	aaaaaaaaa	gagaattgag	catgtgtggg	cggtgtgctt	cacgcctata	27240
atcccagcac	tttgggagc	tgagtcaggc	agatcacgag	atcaagagtt	cgagaccagc	27300
ctggccaaca	tggtgaaacc	ctgtctctac	taagaataca	aaaattagcc	agggtgtggtg	27360
gcgcagtgcct	gtaatcccag	ctactcggga	ggctgaggca	ggagaatcac	ttgaacctgg	27420
gaggcagagg	ttccagttag	ctgagatcat	gccactgcac	tccagcttgg	gcgacagagc	27480
aagactccgt	cttggggaaa	aaaataaaga	aagaattgag	tggttgataa	gagtagcatt	27540
aggattagtg	gggaaatgat	tggatttttc	atttaagcat	tggtgggaca	acttggttaac	27600
catttggaaa	taaagcctaa	cccttgtcat	cttaaaccat	tgtaaatgaa	acctgactat	27660
aagtagattt	acagggaacat	atataggagt	atatgatgtg	caggagagaga	agggagaagt	27720
taactttgag	agctacttat	ttaatctggt	taaaggcaaa	gactggtttc	tccttttaga	27780
ataagtcatt	gatagcttcc	tcaaggagtt	aaaaattcag	tgcatcctat	agtgaataaa	27840
agggatctgg	aagtgtagaa	taaaatttat	ttttgataat	aatgatgat	tgaagccctg	27900
aaagtatttc	aaatgttttt	gaaatgattg	gataaaaagc	acattgaaatg	atctgaaaaa	27960
tataagaaa	tacaggttaa	gtatttaaaa	agggggagaa	aaataagagg	ttgaatattg	28020
tcataagactg	tggaatttga	agaaactaat	tttgaaaaagc	tcataaggat	aggagagggtg	28080
tagtataaaa	tgacaggtag	ggattgtaac	tttgggtacta	ctgttaagaa	ttaatccaa	28140
accctagaca	ataaatcaat	tacaaaaatg	ttataataat	cagggggagaa	aacaaccagg	28200
tcctagacca	agttaaaaat	ggatagagaa	aagaaattca	ggagattgat	aacaaaggaa	28260
gcacagagag	tggaaatcaa	tggctaataa	atcttctgga	atttcttaga	aattccattt	28320
aaccatatga	tatgcttagc	agaaattgaa	taaagattgt	taccttcattg	ttattttttt	28380
ttctggctct	taaaatgtgc	ttgggagaca	gaacaataac	ttaaaattac	agcttagttg	28440
aacataagga	attttttagt	tttgcccttt	atatttatggc	aaaaatgata	gacgccta	28500
tcacactgtt	aaatttttaga	tgggtctgtct	tctgtctgatc	ccaactctga	ttggaatgca	28560
ccagcagaag	agtggggcaa	ttgggttagac	gaagaaagag	cttcacttct	aaagtcccag	28620
gaaccaattc	ctgatgatca	aaagggtgagt	ataagagatt	cctgggtgtt	tatttggtta	28680
tgaagagagac	aggctgggca	cagtggctca	cgcctatgat	tccagcactt	tgggagggtac	28740
tgtgggagga	ttgcttgagc	ccaggagttc	aaggccagcc	tgggcaacat	agcgagaccc	28800
catctctgatt	tataaaaaa	aaataaagca	actgaaggag	aattctgggt	cacagaggct	28860
gacaccaatt	gagagcctca	gggagacaat	aatagcatca	gaacacagca	acccaagttt	28920
tgataggact	ggaggagaga	tagtgataaa	tagcaacacg	tggtatcagg	aatgggtttg	28980
ctaggggttg	ggtgttgtat	tttaattgata	gggagatttt	ggtatagggt	cagcagctct	29040
tttttctttt	tttttttttt	tcggagacag	attcttgttg	tgtgtcccag	gctggagtgc	29100
agtggcatga	tctcagctca	ctgcaacctc	tacctctgt	gttcaagcag	ttttctacc	29160
tcagactcct	gagtagctgg	gattactagc	ccgacactat	gcccggctaa	tttttgtgta	29220
tttagtagag	atgggatttc	accatgttgg	caaagctggg	ctccaactcc	agacctcagg	29280
tgatccgctc	acctcagccc	cccaaagtgc	tgggattaca	ggcgtaagcc	accatgcctg	29340
gccttttttt	tttttttttt	tttttttgag	atgggtgtcct	caaactcctg	gcctcaagtg	29400
accctcctgc	ctcagcctct	caaagtgtct	ggattacatg	tgtaagccac	tgtgtctggc	29460
ctgcacagtc	tttattaaaa	agccatacat	tctgatacag	ctagtcaatt	atatagcaag	29520
tagccataga	tgatatggaa	atgaatttta	ttttagggaa	ctaattgctgg	gctgtatttg	29580
taatttgcca	acccctgttt	tagcatgtct	gtcaatacaa	agggaaagga	tccggaataa	29640
actaaaaagt	taaacatagg	ctgggcacag	tggcatacac	ctggtagtcc	cagctattca	29700
gggggctgag	gcaggaggat	tgtttgaaac	tagcaagacc	ccatctctta	aaaaagaaaa	29760
aaaaaaagaa	aaagttaaat	gagagggaag	atttgactga	taaagtaagg	tgccagaaga	29820
ggatcaagaa	gcctttaaca	agtggatgga	ttgggtcttt	ttttttttct	ttttcttttt	29880
gagatggagt	tttgctctgt	cactcaggct	ggagttcagt	gatgcaatct	cagctcactg	29940

caatctctgc	ctcctgagtt	caagcaattc	tcgtgcctca	gcctcccagt	agctgggatt	30000
acaggcacct	gccaccatgc	cgggctaatt	tttgtacttt	taccatgttg	gtttccaccat	30060
gttggtcagg	ctggtttcga	actcctgacc	tcaagtgate	cacctgcctc	agcctcccaa	30120
agtgtctgga	ttacaggcat	gagccaccat	gccaggcctt	tttttttttt	tttttttttt	30180
tttttttttt	tttgagatgg	agttttcgccc	tgtctcccag	actggagtgc	agtggcacga	30240
tctcagctct	ctgcaacctc	ccccctcccag	gttcaagtga	ttctccctcc	tcagcctcct	30300
gagtagctgg	gattacaggc	acgcatacacc	atgccagct	aattttttgta	tttttagtag	30360
agacgggttt	ttgccatgtt	agccaggctg	gtctcaaaact	cctgagctca	agtgatccac	30420
ccacctcggc	ctcccaaagt	gctgggatta	caggcatgag	ccaccatgcc	aggccttttt	30480
tttttttttt	tttttttttt	tttttttttt	tttgagatgg	agtttccccg	tctcccaggc	30540
tggagtgcag	tggcatgata	tcggctctct	gcaacctcca	cctcccagggt	tcaagtgatt	30600
ctccctcctc	agcctcctga	gtagctggga	ttacaggcat	gcatacccat	gccagctaa	30660
tttttgtgtt	tttagtacag	acgagttttt	gccatgttag	ccaggctgggt	ctcaaaactcc	30720
tgacctcaag	tgatctgccc	accttggccc	cccagagtgc	tgggattaca	ggcgtgagcc	30780
actgccccca	gccaggattg	gtcttttaaaa	caggatatag	gccgggcaca	gtggctccca	30840
ctttgcgagg	ccaaggtggg	tagatcacaa	ggtcaggagt	tcaagaccag	ccggggccaa	30900
atgggtgaaac	cccgtctctg	ctgaaaatac	aaacatttagc	tgggcatgggt	ggcgggcacc	30960
tgtaatccca	tctactcatg	aggctgactg	aggcaagaa	ttgcttgaac	ccgggaggca	31020
gaggttacag	tgagccaagg	ttgtgccact	gcactccagc	ctggacaaca	tagcgagact	31080
ccatctcaaa	aaaaaaaaaa	aaaccaccag	atataatact	aatggtagaa	ggagggttaa	31140
ataaatgtag	aggaggacag	ttaacaggca	atgtgaaagt	caacagtggg	gaaaggggtt	31200
ttagattgga	cctacaaaaa	ggcttcttag	aagtacaata	tcgtaataata	taatacctta	31260
atacatagt	atcattcaca	tgtttgttgg	acatttaaca	caatagaacc	catgaatgga	31320
ataaagactt	tatcctacat	cataggaatt	ctttttctga	atatattcag	agattacctt	31380
ttacatttct	aagcaaaagt	gagctgtcat	caaaatgttc	atcagttggg	gaatggaaag	31440
atgtgatatg	tttatacaat	ggcatattag	aagttaaaaa	tgaactaaag	ctacatttgt	31500
agcattatga	atggaaactc	aacatgctga	atgatgagca	agttataaaa	agatagaata	31560
tgtcatttat	gtaaactttt	atatgtggat	acaaataaat	ttatagaaaa	attgattgga	31620
tagacacaga	agttgttcac	aattttgggt	accattagga	aggtactgtg	aaaatgggat	31680
tgggaagcgg	tataaaggaa	tttgaaattt	atcagtaatg	tcctttttat	ttaaagattt	31740
aaaatacatt	tacaaaaatc	tcaactcttt	catgggagtt	aaaagttgta	gagttgattt	31800
cagcatcttc	ccattaacaa	aaatagtatt	ttgcgctggg	aaactacatt	tcttgtatga	31860
ttggattata	atgaagtgat	aagctgactg	aagaaagtcc	ttgtgacctg	agtatcattc	31920
atggcacgta	tctattcata	tggcatttta	atcattacaa	gaccttgaaa	cagcttgtgg	31980
tgaaaacttc	tagggatgtt	tctccacaac	ttgtagccaa	ccagcctaga	ctgaaaatct	32040
cttagctaa	tttgtgccag	atttttgttt	gtttttccat	ctgcttgtaa	tttctgtaaa	32100
ctgtctggta	gttcgtgaga	ccacaaaaat	cattataatg	actatagtgc	tgagcagaga	32160
aatagcgggt	actagaatca	tctcttctctg	taaagatagt	ctaggaatct	aggttgtcat	32220
ttgtgagaat	aaacaaaaag	cattttttcca	tagaaagtta	aactacagtg	cttacttcag	32280
cagcacatac	actaaaattg	aggccaggcg	tgatggctca	catttgtaat	cccagtactt	32340
tgggaggcgg	aggtgggcgg	atcaccgcag	gtcgggagtt	tgagaccagc	ctggccaaca	32400
tgggtgaacc	cgtctctact	aaaaatacaa	aaaaaaaaaa	atlttagctgg	atgtggcagt	32460
gtgcgcctgt	aatcccagct	acttgggagg	ctgaggcaca	agactcgctt	gaactgggag	32520
gcagagggtg	cagtgaggca	cttactcca	gcctgggcaa	cagagtgaga	ctatctcaaa	32580
aaaaaaaaaa	aaaaaaaaaa	aaaatagata	aggccgggcg	cgttgggtca	cgctgtaat	32640
cccagcactt	tgggaggccg	aggcaagtgg	atcacctgag	gtcaggagtt	tgagaccagc	32700
ctgaccaaca	aggtgaaacc	ccatctctac	tgaaaataga	aaaattagcc	gggcatgggtg	32760
gtgcacacct	ataatcctag	ctacttggga	gactgaggca	ggggaattgc	ttgaacctgg	32820
gaggtggagg	ttgcagttag	ccaagatggc	accattgcac	tccagccttg	gcaacagagc	32880
aagactccat	ctcaaaaaaa	taaatagata	gatagataag	atacagagaa	gattggcatg	32940
gcctctgcat	cattatgaat	actaacataa	cagtgctaag	ttgataggta	tatttttgtc	33000
ctgcagaatg	ctattttcaa	tgacatgacc	tctcaaattc	agttttttta	attaaacctt	33060
ttatttttag	ataattgtag	attcaaatgc	agttataaga	aataatatag	gccaggcacg	33120
gtggctcacg	cctgtaatcc	cagcactttg	ggagactaag	gtaggaggat	cacttgagcc	33180
catgggtgtt	gagactagtc	tgtacaacat	agcaagaccc	tatctctaat	taaaaaaaaa	33240
aaaaaaaaaa	aaatcagcct	gtagtcccag	ctcctcaggt	ggctaaggca	agaggatcag	33300
gaggtcaagg	ctgtgcagt	agccttgatt	gcaccactgt	actccagcct	gagcaacaga	33360
gcgagaccct	gtcttgaaaa	aaacaaaaca	aacaaaacaa	ggcaggaatg	aaacagagt	33420
atcccttgta	ccctttttac	ccagttttcc	ccagtggtaa	catgttaaaa	aaccataata	33480
ctgtacagta	gcacagttagc	catccccacc	gtccccacc	tccacttata	cacgggatac	33540
attccaagac	tcccagtgga	tgactgaaac	cacagatagt	gtcaaaccct	aggtatacta	33600
tgctttttcc	tatacataac	ctctgataaa	gtttaatttg	taaattagta	aaggattaac	33660
aacagtaate	ataaaagtta	taaaattttac	tgtaataaaa	gttatgtgaa	tgtggctctc	33720
ctcactttct	gtgtctttca	aagtacttta	atatcagact	gaggttgacc	gcaggtaact	33780
gaaactgcag	aaagcaaaac	tgcaaaataag	ggggaactac	cttttcacag	ctggcgtgtt	33840
tgcatgtgat	caatcaagat	acagaacatt	tatcgtttca	agaatgtttt	attaatggaa	33900
ttataatata	tataaccttt	tgctatgggt	cttgttttgt	catttgattg	agatggagtc	33960
ttgtctctgt	accagggtcg	gagtgcaagt	gcatagtctc	ggctcactgc	aacctccacc	34020

tcccagggttc	aagcagttct	cccatctcag	cctcctgagt	agctgggatt	acaggcgcat	34080
gccaccaggc	ccagctaatt	tttttatttt	tagtagagat	ggggtttcac	catagtggtc	34140
aggctgctct	tgaactcctg	accttagggg	atccaccgcg	cttggcctcc	aaagtgctgg	34200
gattgcaggc	tgcagccact	gctcctggcc	ttggtagtgt	ttgttttttg	ttttttttca	34260
ctccacataa	ttctctggag	atccatccag	gttggtgtat	gtgtcagtag	ttgtaccttt	34320
ttactgctga	gtgatattcc	atgggtctgga	tgtacctcag	tttctttaac	catttaccta	34380
ttgaaggaca	tttgtgtcct	ttccagtttg	ggactattat	gaataaagct	gctaaatgtg	34440
taggtttttca	gaagtctctg	tctaaacata	agcttttcatt	tctctaggat	aaatgcccat	34500
atgtacaatc	gctgggtgtt	atgatagtgt	catatttttag	tattctaaga	aactgggtttt	34560
tctgtatcct	cacctaaatt	tgcagttgtc	actgtttttt	attttagcag	ttctgatagg	34620
tgtacagtga	taactcattg	tgggtttaat	atgcatttcc	ctaatagcaa	atggagttga	34680
gctttttccc	atgggttctt	tggcatctgt	gcatgttctt	gggtgaaatg	tctgttcattg	34740
tcttttgcab	attttctaag	gggatttttt	tttaaaactg	agtgttccct	gtattatatt	34800
gtacagatac	tagttccatg	gatggaacca	tatggcttgc	aaatatattc	ccccattgtg	34860
tagcttggtta	tttcatctct	taacaggggtc	aaataaattt	taacgcaaatt	tgcactacat	34920
ttgaacttca	aaataaagta	gaattaccta	ttcagtgagt	ttttaattttt	ttattttttat	34980
ttattttattt	atttttgaga	cggagtctca	ctcttttgcc	caggctggag	tgcagtggag	35040
tgatttcggc	tcactgcaag	ctccgcctcc	tgggttcacg	ccattctcct	gctttagcct	35100
cccgagttagc	tgggataca	ggcgctgcc	atcacgcccg	gctaattttt	ttgtattttt	35160
agtagagatg	gggtttcacc	atgttagcca	ggatgggtctc	gatctcctga	cctcgtgate	35220
cgcccgctc	ggcctcccaa	agtgtctggga	ttacaggcat	gaaccaccgt	gcccagcctc	35280
agttagtttt	taaaacacta	aagtttacac	agctctctac	ttagggttga	gtgagtgatg	35340
gatgacgtag	acacactgag	agaatgaggt	tccatgtatt	ttgttatttt	ttaaatatgt	35400
agttcttgat	ccattgtatt	acttattact	agttttttat	tagatttttg	gaaatgaaga	35460
ctgtacctaa	tgaatgaaat	tatttcataa	taattttcta	aataatggac	acataaccat	35520
ttggttctct	ttaatatttt	tgcttttaac	ctaaggctctc	agatgatgat	aaagaaaagg	35580
gagagggagc	tcttccaact	gggaaatcca	aaaagaaaaa	aaagaaaaag	aagaagcaag	35640
gtgaagataa	ctctactgca	caggtaaaat	gtcagaacaa	caagcattca	ttaagcgctt	35700
ccggcttaaa	atgtgaaaag	attatgtaca	gatgttaaaa	atacatagag	ataaaaagaca	35760
gtatgagaca	tcattttattt	gaaaaatcat	agactgtttt	acatattcaa	tacattatat	35820
tgaataaaaa	atgtttattgc	tcaaaaaaatt	cgtgttaaat	gtgttgctaa	actcaaaaaat	35880
aagtaaaaatt	ccaaattattt	catgcattttt	ttatttatat	aatgggtgaaa	tgggaaaaga	35940
gatacagtat	tttacacata	caaaaattcc	ttttgagtaa	ctggaaggta	acatttagca	36000
cacatagaaa	aaccatgtgt	ataacaagtg	gagtccttca	cttgactttg	agtttgctgg	36060
ttatttcact	tagaagtatc	ctttcctgct	tttttggcat	ctaccaaca	gacattttct	36120
ctttccatca	ctcatacatt	tccttttctt	tctttttctt	tgtctcctcg	tctgggggaa	36180
aaaaagtaaa	ttataataaa	aatgaagtca	gagttgaaat	tttaagctgg	gcacaatggc	36240
tcatgcctgt	aatcccagca	cattggaagg	ctaaggcagg	aggatcactt	cagtccagga	36300
gcttgagacc	agcctgggca	acctgtctct	tacaaaaatt	agctaggcac		36360
ggtggcatac	gcttgtagcc	ccagctactg	gggaagctga	ggtgagagga	tcacttgagc	36420
ccgggaggca	gaacttgcag	tgagccaaaa	atcacactac	tgtactccag	cctgggtcac	36480
agagtaagaa	cctgtctcaa	aaaaaaaaaa	aagatatttt	aatttcagat	gtatcagatt	36540
attagaaaca	tgcatagggt	tttttaagc	actaatactg	ttacattaca	acttcttaaa	36600
atatttgat	tccttactat	aactatgtaa	ttaatgtttt	aaatgtagga	gacagggaac	36660
cgcaatttct	agggttagcc	cacatagtaa	ttttctctac	ttattgttct	atttgtttat	36720
cttttttttt	tttatttgag	acagagtctt	gttctgttgc	ccaggctgga	gtgcagtatg	36780
gcgatctcag	ctcattgcag	cctctgcctc	ccaggttcaa	gcgattctcc	tgctcagct	36840
tcccaagtag	ctaggattac	aggcatgtgc	caccacgcct	ggctaatttt	tgtatttttag	36900
tagagacagg	ctttcgccat	gttagccagg	ctggctctcaa	gtgatgtggg	ctcaagttag	36960
cggcccaact	cagcctccca	aagtgtctgg	attacaggcg	tgaaccacca	cgccagcct	37020
tattttatta	tttatttttg	agacagagtc	tcactctgtc	accccggtg	gagtgcagtg	37080
gcatagtctc	acctcactgt	aacctgcctc	tccagggttc	aagtgattct	cctgcctgag	37140
ccttccaagt	agctgggatt	acaggcatga	gccaccacac	ccagctaatt	tttgcatttt	37200
tagtagagag	gggatttcac	catgttggcc	aggctgggtc	caagtgatct	ggcctcgagt	37260
gatcttctctg	cctcagcctc	ccaaagtgtc	gggattacag	gtgtgagcca	ccacgcccag	37320
ccacttactg	tttttgaaag	aagtttctac	atggcttttt	aaggaaatat	gtattcagtt	37380
atttttttatt	gtgggaagca	caaaccctca	taaatgatac	aagcttatta	tcaatacttg	37440
cttgcttttt	cagtagtcaa	aatgaatggg	cattaagggtt	gtaacatagc	taagatcagt	37500
ggatatgaac	aaactaacac	tctataatag	gtatgctttt	cttgtagct	ggagctggta	37560
gatgagaaat	gttacatcta	tcctttgtta	gtaatactac	ctgaaaacca	ttttagccaa	37620
gtttttcttg	aatttctttg	actttgagta	tttactaata	atgatttagt	ggattgtgga	37680
ttagtggagc	tccttttaaa	ataaattttg	taggatagat	gtattctgaa	atgtttaacg	37740
tattggcaaa	ggtcattaac	atgtgactgt	ttctttggca	ttctgattat	ccttttaaaa	37800
atgttctactg	tgtttttaaa	aatataatga	ataagtattc	taggtttaga	gtcagatcta	37860
tattctgaat	cttggtctgt	catttttttt	ttttaccttg	cacaagttac	ataattgcat	37920
agggtgtttt	gagaatttga	tatccatgaa	gttctatgct	gagtacatag	cacatatac	37980
ctattaataa	aaggttatgg	ctgggcgcgg	tggctcacgc	ctataatccc	agcactttgg	38040
gaggccacgg	cgggtggatc	acctgaggtc	gggagttcga	gaccaacctg	accaacatgg	38100

agaaaccctg	tctctactaa	aaatacagca	ttaaccgggc	atggttgcat	gcacctgtaa	38160
ccccagctac	tcgggaggct	gaggtaggag	aatcacttga	acccgggagg	cggagggttc	38220
ggtgagccaa	gatcatgcc	ttgcactcca	gcctgggcaa	caagagtga	actccatctt	38280
aaaagaaaga	aaaaaaaagt	tagggcgggt	gcggtggctc	atgcctgtaa	tccagcacc	38340
tgtgaggccg	aggcgggtgg	atcacaaggt	caggagtttg	agaccatcct	ggccaacatg	38400
gtgaaacccc	gtctctactg	aaaatacaaa	aattagccgc	acgtggtagc	tggcgctgt	38460
agtcccagct	acttgtgaag	ttgaggcagg	agaatcgcag	gttgcaagtga	gccaagattg	38520
tgccactaca	ctccagcctg	gacaacagag	tgagactgtc	tcaaaaaaaaa	aaattatatt	38580
gtttttttctc	tttttgtttt	gttttgtttg	tttgtttttt	gagacattcc	actctgtggt	38640
caggctggaa	tgcagtggct	ccatcacagc	tcactgcagc	ctcaacctcc	tgggctgaag	38700
ggatcctcct	gcttcagcct	cccaagtaac	taggactaca	gtttttttat	ttttttgtag	38760
agacagagtt	tccctatgtt	accagaggct	tcccaaactc	ctgggctcaa	acagtcctcc	38820
tgccctggct	cccaaagtgc	tgggattaca	gatgcaagct	accgcaccaa	acccaaagtc	38880
cttttttggtg	ttcgtgtgtg	gctgatgggg	tctttcactg	ttgagttcaa	cttgggatgg	38940
aaataaattg	atgtcttctg	actttgttaag	attgcaaaac	tttgaaaaac	tttgtaagat	39000
tacagacttc	accacatac	ttccaaagct	acctgctcag	cctaaatata	tagaaaattt	39060
tgactatcta	aaccactac	tatactgaat	aactatcata	aaatagaaca	tcagtgtcag	39120
aagaacatta	agatcatctt	agccatttgt	taaaaagaac	ggccatttta	tatggatgca	39180
tttgccaaag	aaaaatacag	taatccttct	atttaataata	ttctagtcca	tgtttacttt	39240
acataataat	tactaagcat	ataatgtgct	ctagaattat	tttgctgaaa	cttcataaaa	39300
gtttgaaagt	ctaagaatgg	aaatcttgct	gccctgatgt	cctgtggtgt	ttggcatgtg	39360
ccctcctgtc	tcctgactaa	tcagagtggc	atgaggccca	cgccacccaa	acctttcact	39420
ttccaaagag	ctagccatcc	tccaccctgt	acctgggtgt	cctagcctgt	ctgcgtttgt	39480
tgtggtgat	attctttatg	tataataaat	ttttatcccc	cccccccaa	aaatggaaat	39540
cttaaagctt	atgtgagttt	ttagaaatta	ttagggcaaa	ttttacttta	cagttgagga	39600
aacaggctta	gggaaactaa	gtgacttgct	cctgagattg	tttgtttgtt	tgtttgtttt	39660
tgagacaagg	tctcactctg	tcacccaggc	tggagtgcag	tggcacgatc	ttggctcact	39720
gcaaccttca	tctcccagg	tcaagcaact	atcatgtatc	agcctcccaa	gtagctggga	39780
ttacagatgt	gtaccaccat	taccagataa	tttttgtatt	tttagtagaa	acagggtttc	39840
acctagtgtg	ccagactggg	cttgaactcc	tgacctcaag	tgatccaccc	acctcagcct	39900
cccaaagtgc	tgggattaca	ggcatgagcc	acagcaccgc	gcctaatttt	tgtattttta	39960
gtagagatag	gggttcacca	tgttgcccag	gctggagtgc	agtggcgaga	tctgcaacct	40020
ccgccttcca	ggttcaagta	attgtcatgc	ctcagcctcc	caaataagctg	ggattacagg	40080
cgtgcgccac	cacacccagc	taatttttgt	atttttatta	cagacagcgt	ttcaccatgt	40140
tggccaggct	ggtctcgaac	tcctgacctc	agggtgatctg	cctgcctcag	cctcccaaag	40200
tgctgggatt	acaggcgtga	gccactgcca	aatctatccc	tgagattttg	tagctagact	40260
gtggcagtg	caaaattgga	attttctgtc	tatacccttt	ctactatgta	agcttaattt	40320
atctagaaaa	ttaaactatg	tataaacatt	ttattccttg	aagtgtgtaa	gtgaagtgtt	40380
ttttgtgggt	tttttttgtt	ttttgttttt	gttttttttg	tttttttttt	gtgagacaga	40440
gttttctctc	gttgcccagg	ctggagtgca	atggtgcgat	ctcggtcac	tgcaaccttc	40500
acctcccagg	ctcaagcaat	tctcatacct	cctcctgagt	agctgggatt	aaaggcatgc	40560
accaccatgc	ctggctaatt	tttgtagttt	tgtagttttg	ggtttttttt	ttttctttga	40620
gacagaatca	ccagcctgg	agtacagtgg	tgtgatcaca	gtctactgca	gcctccatct	40680
ctcaggctca	agtagctctc	cctgctcagc	ctcctgagta	actgggacta	catgtataca	40740
ccaccacatg	tgactaattt	ttgtattttt	gtagagacag	ggtttcacca	tgttgcccag	40800
gctggtctca	aattcctgag	ctcaagcaat	tcacccacct	ccgcctccca	gagtgtctgg	40860
attacagcca	tacaccacca	tagattttta	ttaatgaaga	atgaatgctt	tataataatct	40920
aataggttat	ttttctctat	aggacacaga	agaattagaa	aaagagatta	gagaagacct	40980
tccagtgaat	acctctaaaa	cccgctccaa	acaggaaaaa	gctttttcct	tgaagacct	41040
aagcactagt	gatccagcgc	aagtactcgt	caaaaatagc	caggtaattt	ttaagaataa	41100
taaagtggcc	gggcgcagtg	gcttacgcct	gtaatcccg	cactttgaga	ggccaagggtg	41160
ggcaggctcat	gaggtcagga	gttcaagagc	agcctggcca	acatagtga	acccgctctc	41220
tactaaaaat	acaaaaatta	gccgggcacg	gtgatgggag	cctgtaaccc	cagctactta	41280
ggaggctgag	gcaggagaat	cgcttgaacc	tgagaggcgg	aggggtgcagt	gagccgagat	41340
cactccactg	cactccggcc	taggcaagag	agcaagacac	tgtctcaaaa	aaaaaaaaaa	41400
aaaaaagaat	aataaaagtt	tgttgactca	agtattttat	cataaataat	gttttaagca	41460
ctgtgctaag	catttaaaat	ataatgacta	atttagtctt	caaaacaatc	ccgagagaaa	41520
ggtgagacgc	attttataaa	tgaagctaga	gaagttgaat	aacttgccca	gagtcatata	41580
actatcagta	gtgaaatcaa	gaaccacact	gtactgtatt	ttctcctgct	aaatatctag	41640
gcatacaagg	gatagacagc	ttagacatag	agaaaatatg	agtggtttca	ttttccccc	41700
atatatgtac	ataatatgac	tatggttcag	cctcccaaaa	tggaaacatt	gtttaaaact	41760
tggttatagg	ctcttgaatg	atgtgccttc	tatggaaagt	atctgtatgg	cagaagggac	41820
cattttacaa	aaggcctagg	ttgggtgacac	aaaatctgat	ttctaattgg	gtaaattaat	41880
tacatcatat	aaatttcagg	ctgggtgtgg	tggtctcagc	ctgtaatccc	agcactttgg	41940
gaggccaagg	tgggtggatc	acaaggtcag	gagttcgaga	ccagcctggc	caagatggtg	42000
aaacctgtgc	tctactaaaa	atacaaaaat	tggccagggtg	tgggtggcagg	cacctgtaat	42060
cccagctacc	caagaggctg	aggcaggaga	atcacttgaa	cccaggaggc	agaggttgca	42120
gtgagccaag	atcacgccac	tgcactccag	cctgggcaac	aaagtgagac	tccatctcat	42180

15-03-2006

ctctacagaa	aacttcttct	atcttatgtc	atcttagcag	tagatgtagc	tgcctgccac	50400
caggtgcaat	atgtcatttg	catcagcctt	ttcagtttaag	gaaattaaaa	cttggcatgc	50460
attagttcat	atgtatgagg	ttggctgtgt	ccccaaacag	caattgcttg	tacaagatag	50520
aagtttgctt	ctcagctggg	catgggtggc	catgctgtga	atccaagctc	tttgggagge	50580
caacgcggga	ggattgtttg	agcccaggag	tttgaacca	tcctgagcaa	tagagagacc	50640
cccatctcga	caaaaaaaaa	aaaaaaaaaat	tagaaacaaa	aaaaagattg	tttctctttc	50700
atattaaagt	ttgggaaggc	aatccagagc	ccatatgaca	ttatgcaggg	tcagggatcc	50760
gggttctctt	tatatgttct	ctccccattc	tcaacctgta	gctttttttt	ttttcttttt	50820
aatgagatag	gggtctcact	tgttgcccag	gctggagtgc	agtggcacac	ttctggctca	50880
cttcagcctg	gaactcccg	gctcgagcta	tattctccca	ctttagcctc	agcctccaga	50940
gtacctggga	ctacaggtac	acaccaccat	gcctggctaa	atcttttttt	tttttttttg	51000
gtagagatga	ggtcatttgt	atgttgccca	ggctggcctt	gaagtccagg	gcttaagtga	51060
tcctcctgcc	ttggcctccc	aaagtgtctg	tgttacagg	gtgagccacc	acacctggcc	51120
aacatgtggc	tttcagttct	tacttgaaga	cagctgtctt	agctagaaac	ttcctatcgg	51180
catctgagcc	agctggtaga	gggcattacc	tccccacccc	ccaagaacac	ttcttggag	51240
ttacacacaa	tacataaact	tcaatttcaa	acagttgctt	gggtccacta	gccatgaagc	51300
tggatgggac	gtaatatctt	atctgggttg	tcattgggcca	aattaacatt	ttgagattct	51360
gttaggaaga	ctagaattgg	ataatgggca	cctctaacag	tgtctgtcag	agttgacata	51420
cattgtgtat	ctcctgcacc	aaagcatttt	tgagatcaag	tgttcttcca	gctgagcaga	51480
aatttgggaag	gctattcagt	gctgcttagt	gtagcagcta	ataatgttcc	aacttctata	51540
tgatagtttg	ctttttgttt	tttgtttttt	tctagagaca	gagctctcgt	gcccaggctg	51600
gtctccaatt	cctgggttca	agcaatcctc	ctgactcagc	ctcctaaatg	ctgggattac	51660
aggcatgaac	cactgtgccc	agtctatata	taatagattt	tagaagaaat	ttctgccact	51720
cagtgtcagc	tttaaatctt	agagacagag	gctgagagaa	acttagtagc	ctgcctgcgc	51780
atactgcaag	tacagactat	ataacaagtt	gaaagagaat	caccctggta	tataaatatt	51840
taaaacatga	aaaaggcatt	actattgttc	tggctaaagt	actctaacag	gacgatgatt	51900
tctaacccta	gcatcatgac	atgtatatag	tgtgttgtta	gacatttgcc	agctaatagt	51960
tacagtactg	aagcttgtga	atacgttaat	tgagaaaact	ttaagcagg	tcaaagttat	52020
cccatgatag	tggcattctt	atctgtatat	atgtgctttc	ctttttttat	tgtatcaagg	52080
catttataat	gaatatatgt	aacatgtacc	taagttttta	aagcataata	aaatgaacac	52140
atctgaaacc	accattctgc	tcaagaaata	taacattact	caagaaatag	agtgttaca	52200
ggggataact	ggaaccagct	tgacttgtta	caggattaga	gggggaaagg	cttgggtgaa	52260
aatgactgtt	ctcaagtgcc	tcacctggca	caggcccttt	ttggtacca	ctgaggcttg	52320
cagtcacagg	aaacatctag	cctgatctca	gaaaggttta	atggcaactt	cattgccact	52380
cctccctcaa	gacatttcat	gataccttgg	gaaattgttt	taataagtac	acaggggcac	52440
aatgactatg	aatgtgaatg	gtgccccaat	ttgtatagtg	cacaactcta	catggcagcc	52500
tttccttgag	gaagggggat	agatcacaag	atagatgtca	cttctagaca	gctttgcccc	52560
actcagaaaa	gcagcaagtg	ccctataggc	acttagagtg	agggttctct	tgaggtttgt	52620
tgtggggctg	gagactcttg	acagacacca	aaggaggtct	tatggcaaac	agctattagt	52680
aacgggatag	tgagattacc	agaatttttt	tttttttttt	tttttttttg	agacgaagtg	52740
tcgctctgtt	gctcaggtgc	tcaggctgga	gtgcagtgac	acgatctcgg	ttcactgcaa	52800
cctctgtctc	ccagggttcaa	gtgactctcc	tgccctcagc	tcccagagtag	ctgggggttac	52860
agggtgcacg	caccaggctt	ggctaatttt	ttgtattttt	agtagagacg	gggtttcgcc	52920
atgttgcca	gtctggcttc	aaactcctga	cctcaagtaa	tccgggtgcc	tctgcctccc	52980
aaagcgttga	gattacaggc	atgagccact	gggtctggcc	catttttttt	tttaacagac	53040
aggagcttcc	tctgtctacc	aggctggagt	gcagtggcac	aatcacggct	cactgcagcc	53100
tcaaactcct	gggtctcaagc	aatcctcctg	cctcagcctc	ctgagtagct	gggactacaa	53160
gcaccaccca	tcacacctgg	ataatcctat	cttttataga	gacaggggtc	tgttttgttg	53220
cccaggccgg	tcccaaactt	ctgggtctaa	gcaatccgcc	cacctcagcc	tcaaactgct	53280
gagattaaca	ggcataagcc	actgtgcgca	gcctgaattt	tttaaaaaa	cctcaaagat	53340
catgaaaata	aataatttag	gccaggagcg	gtggctcaca	cctgcaatcc	tagcattttg	53400
ggagatcaag	gcaggaggtg	cacgtgaggt	caggagtcca	agaccagcct	ggccaacatg	53460
gtgtaactcc	atctctacta	aaatacaaaa	attagctggg	catgggtggg	gggtgcctga	53520
atcccagcta	ctcgggaggc	tgagacggga	gaatcgtttg	aacctgggag	acagtgggtg	53580
cagtgagcca	agatgggtgc	actgcactcc	agcctgggtg	gctgagcgag	acttcgtctc	53640
aaaaataaat	aaacaatctg	agaaagatca	agtaaggaaa	aaatagtggg	cagtgggtggg	53700
aaggagcaga	gggtctagact	taggaataaa	atagtggaa	aaaatataaa	acagcttgcc	53760
tcagtaagta	ttctttgttc	taaaaccag	aatctgtctt	ggcaagttca	agctgaaaag	53820
gaatctagca	ggaccagaga	tccaggccct	tccactatca	agaataaac	ctaagaccag	53880
gtgcggtgac	tcactcctgt	aatcccagca	ctttgggagg	ccgaggcagg	tggatcacct	53940
gaggtcagga	tttcgagacc	agcctggccg	acatggcgaa	accccatctc	tactaaaaat	54000
atgaaaatta	gccagggtgc	tggcatatgc	ctgttatccc	agctactcag	gagctgaagc	54060
gggagaatca	cttgaaccga	ggagggtggg	gtcgcagtga	gccgagatca	cgccactgca	54120
ctccagcctg	ggcgacagag	cgagactctg	tctcaaaaag	aaaaaaaaag	aaagaaaaga	54180
tggggcccgg	cgcggtggct	tacgcctgta	atcccagcac	tttgggagge	cgaggcagge	54240
aaatcacgag	gtcaggaggt	cgagaccagg	ctggccaaca	tgaacttacc	cctctactaa	54300
aaatacaaaa	aattagctgg	gcatagtggc	aggcgcctgt	aacccagct	actcgggagg	54360
ctgaggcagg	agaatcgctt	gaacctggga	ggcagaggtt	gcagtgagcc	ttaatctcac	54420

cattacactc	cagcctgggc	aacagagtga	gactctacct	caaaaaaaaa	aaaaaaaaaa	54480
aagaaaagaa	aagaaaagaa	aaagaaaaaa	tggggccagg	gcggtagctc	acgcctgtaa	54540
tcacagcact	ttgggagggc	aaggcagcca	gatacagagg	tcggcagttt	gagaccagcc	54600
tgggcaacat	gcaaaacctt	gtctctacaa	aaaataaaaa	cattagccag	acgtgggtgg	54660
gtgtgcctgc	agtcccagcc	actcaggagg	ctgaggcacg	agaatcactt	gaacccagga	54720
ggcggaggtt	gcggtgagcc	gagatcacgc	cactgcattc	cagcctgggt	gacagagcaa	54780
gactgtctca	aaaaaaaaaa	aaaaaaagga	aaagaaaaga	tggccatatt	taactgtata	54840
caatttttta	attattatta	ttattatttg	agaagaagtc	tcgctctgtc	gcccgaggtg	54900
cagtgcagtg	gcgcaacctc	ggctcactgc	aacttccacc	tcctgggttc	aagggattct	54960
cctgcctcag	cctctcgagt	agctgagatt	acaggtgcca	gccaccaaca	cctgactaat	55020
tcttgtattt	tagtagagat	ggggtttcac	catgttggcc	aggctggtct	caaactgctg	55080
gcctcatgtg	atccactcac	cttgacctcc	caaagtgtct	ggataatagg	cgtgagccac	55140
catgcttggt	aatttttttt	tttttttttt	tggagacaga	gtctcactct	atctcccagg	55200
ctggagtgc	gtggcacgat	ctcagcttac	tgcaacctct	gcctcccggg	ttcaagcaat	55260
tctcctgcct	cagcctcctg	agtagctgga	attacaggcg	tgcactacca	caccagcta	55320
atttttgtat	tttttagtaga	gacgggggtt	caccatgttg	gtcagactgg	tctcggacac	55380
ctgacctcat	gatttgccct	cctcagcctc	ccaaagtgtc	gggattaaga	tgtgagccac	55440
cacgcccggc	catgcccagc	aattttttat	aaacttttaa	aatgttttat	tttgaaaaaca	55500
ttagaggcca	ggcactccat	tgctctccag	cctgggtgac	agactaagac	tctgtctcaa	55560
aaaataagta	agtaaaatac	ataaaataaa	ataaataaaa	tagaatgtgc	aacacctttg	55620
atagattaca	agctaatact	ttctagaata	cataaagata	actgacaaag	gggaaacaac	55680
acaagagaaa	aataagcaga	tgagaataag	cagtccaaga	ataaacaata	caaaatgttc	55740
atcaaacata	tttttaaatg	tttaaactta	ctagtaccaa	gaaaatacaa	attaaagtta	55800
gaatgagcca	gctaccactt	catgcccatt	agactggcca	gagtttctaa	aaaaaaaaagc	55860
tgtaactcca	gctgctaata	ggcatacaga	gaaagtgtat	tcattcactg	caagtggcag	55920
gataaattac	tacaatcctt	tgggagtgc	atcagctacc	cttttttttt	tttttttttt	55980
tttttttttt	tttgtaaga	tggagtctcg	cctgtcgccc	aggctggagt	acaattgcaa	56040
gatctcagct	cactgcaacc	tccacctcca	gggttcaaac	gattctcctg	cctcagcctc	56100
ccgagtaact	gggattacag	gcaccccgcca	ccacacctgg	ctaatttttg	tatttttagt	56160
agagatgggg	tttcaccatt	ttggccaggc	tggtcttgaa	ctcctggcct	caggtgatcc	56220
gcgtgcctca	gtctcccaaa	atgctgggat	tacaggcggt	agccaacgtg	cctggcctaa	56280
tcagctacca	ttttaaaaat	taaaagtaag	gctggcacaca	gtggctcaca	cctattatcc	56340
cagtgccttg	ggaggcctag	gcgagtggat	cacctgaggc	caggagtcca	agaccagcct	56400
ggccaacatg	gagaaactcc	atctctacta	aaatacaatt	agccgggtgt	ggtgggtgcat	56460
gcctgtactc	ccagctactt	tcgaggctga	ggcaggggca	tcacttaaat	ctgggaggta	56520
gagggtgag	tgagcggaga	tcgtgccatt	gcactccagc	ctggtcaaca	agagtggagc	56580
tctgtctcag	aaaaaaaaaa	aaaattaaaa	gtaacaggtc	agcgcagtgg	ctcacacctg	56640
aaatccaaac	actttggggg	gcagaggcag	gtggatcact	ggagcccagg	agttcaagac	56700
cagcctggcc	aacatagggg	gatgccgtac	ctaccataat	aataataaaa	ttaaattaaa	56760
aatgagtcag	gcatgggtgg	acaggcctgt	ggtcactgat	actcgggagg	ctgaggcaga	56820
aggattgctt	gaacctcaga	ggtcaaggct	gcagtgaagt	atgatcacc	ccagtgcact	56880
ccagcctggg	caacaaagca	agaccaggac	tcaaaaagaa	aaggaaagaa	agaaaataaa	56940
aggtaatagg	ccgggcatgg	ttcataccta	taatcccgag	actttggaag	gccaaggcag	57000
gcagatcacg	aggtgaggag	ttcgagacca	gcctggccaa	catggtgaaa	ccctgtgttc	57060
tgtgcaggaa	atgtgcaaga	ggaaagaaaa	gacactctct	ctctctctct	ctctctctct	57120
ctatatatat	atatataaaa	gacactatat	atatatatat	aaaagacata	catatataag	57180
acacatatat	ataatatata	agacactata	tatatatata	tatatacaca	cacacacaca	57240
catacatata	tatatatatg	cctccagact	gtggaggatt	catcaccaca	tcgggaagca	57300
atagcctggg	ctccagagtc	ggccacctgt	ctgtgtacgt	gtctctccaa	atgaggagag	57360
gtctcatgaa	gctttagcaa	ggtctgggac	cttagccctt	tttgtaacaa	gttgtttggc	57420
atgaggtcca	gtcacgaggg	cccttcattg	ttgggtcaa	ggaacacaaa	aaggtcaact	57480
gtttttgcga	ttgtctgttg	tttgtcaata	actaatatat	aggaatggat	tgaaatagag	57540
atctctctga	aacattgttc	gatgaatgcc	tcaaggggct	cacgcaacct	gttccaggac	57600
ttggtgacca	ttttttgtgt	ccatgttctt	tttagttcaa	atttaattatt	taacttttcc	57660
tccacacctt	gtctctacta	aaaatacaaa	aattagccca	gtgtgggtgg	ctgtaatccc	57720
agctactcca	gaggccgagg	caggaggatc	acttgaactg	aggaggcgaa	ggttgacgtg	57780
agccgagatt	gcgctgctgt	actccagctc	gaggacagag	caagactccg	tctcattaaa	57840
aaaaaaaaaa	aaagaagaag	aagaagaaga	agaaggacca	ggttcagtgg	ctcacacctg	57900
taatcccagc	actttggggg	gccgaggccg	gtggatcaca	aagtcaggag	ttccagacca	57960
gcctggacaa	tatggtgaaa	ccctgtctct	actaaaaata	caaaaattag	ccagggtttg	58020
cggcgcgcg	ctgtagtccc	agctactggg	gaggctgagg	cagaagaatc	gcttgaaccc	58080
aggaggcgga	ggttgacgtg	aaccaagatc	ctgctactgc	actccagcct	gggcaacgga	58140
gggagactgg	gcgacggagg	gagactgggc	gacagagcga	gactccgtct	caaaagagga	58200
ggagaaggag	gaagaggaga	gggaggggga	gagggagggt	gaaggggaag	gggaggggga	58260
ggaggagaag	ggagggggag	gagggggagg	gggagggagg	gaggggagga	gggggagggg	58320
gaggaggggg	aggagaagga	gaaaggagaa	aggagaaacc	ttaaggagaa	atctgaaacc	58380
accacaaggt	ggcgacttga	acatgggcca	ttctccccac	ctccccatcc	ccttactacc	58440
atttttcaaa	taagaaaaat	gcaagctaga	gattgagcac	caatttaagt	tgcacagctg	58500

acaagtggca	gaaactgtat	ttaaagccac	gtccccctgtc	cccagagttca	gagctctttt	58560
cactctccca	atcgctgtat	ggccacgtgc	agatgcccc	gcctgctccc	tgtatactac	58620
ctgtgaatat	ttgcctgtgt	ttttctctct	gagaatctct	ttctctctac	ctccttgtac	58680
ctttatgtct	ctttgtctct	ctctgtttat	tgctgtcctg	tgtatctttc	ctttctctct	58740
atttcaatct	ctgtctccat	ttccccagcc	cccaaattca	tgttctcttt	tctctccctc	58800
cctcttttct	ctcctagtga	ctggactaag	catgcatctg	aaatataaca	ctcaaagaac	58860
actttttaagt	tgtttactaa	aatagaagga	ttttatattgt	tgtattttaa	taaattactt	58920
ctgattttgta	aataataatt	gcacagaact	agtgtlaagg	ttccattata	ttatgtcata	58980
tattatatta	cacttctatc	catacaacaa	ctcagtgaag	tgttactatt	atccccattt	59040
tacagatgag	gaaactacga	ggttaagtag	cttcccagg	ttgaggaagc	taacacacta	59100
cagagtatac	cttttttttt	tttttttttt	tttttgagac	agtgtcactc	tgttaccag	59160
gctggagtgc	agtggcatga	tctcagctca	ctgcaagctc	cgcctcccag	gttcaagcga	59220
ttctcatgtc	tcagcctccc	aagtagctgg	gaccaaagg	gtctgctacc	atgcctggct	59280
aatttttgta	tttttttggt	gagatggggt	tttgccatgt	tggccaggct	ggctctcaac	59340
ttctgacctc	cagttatcca	cccactcagc	ctcctaattgt	gctgggggtta	caggcatgag	59400
ccaccatgcc	cagacctcat	tttgtattta	aaagaaatta	cggccaggcg	cgggtggctca	59460
cgctgtgaat	tccagcactt	tgggaggctg	agaggggagg	atcacctgag	ggtcgggagt	59520
tccagaggag	ctcgaccaac	gtggagaaac	cccatctcta	ctaatacaaa	aaattagccg	59580
ggcgtgggtg	cacacgcctg	taatccagc	tactcgggag	gctgaggcag	gagaatcgct	59640
tgaacccggg	agatggagg	tgcagtgaac	cgagatcacg	ccattgcact	tcagcctggg	59700
caacaagagc	gagactccgt	ctcaaaaaaa	aaaaaaaaaa	aaaaagaaaa	gaaagaactt	59760
acttttgctt	aatttagccc	caataaaactc	tttccttgtc	accacggatc	agagcttcgt	59820
caattaaaaa	ataaaaagag	ttctgtacta	ttaccaggct	aaacactggc	aatcattcag	59880
gtaggaaata	ctctggacta	aatctcatgt	atttactcta	acagcaaaat	aagaagggag	59940
atagaggctg	ggcgacgtgg	ctcatgccta	taatcccagc	actttgggag	gcccaggctg	60000
gcggatcacg	aggtcaggag	ttggagacca	gcctggccaa	tatggtgaaa	cgctgctctc	60060
actaaaaata	caaacattag	ccaggcgtgg	tggcgggcgc	ctgtagtccc	acctactcgg	60120
gaggctgagg	caggagaatt	acttgaacct	gggaggcgga	ggttgcagtg	agccgagatc	60180
acgccactgc	actccagccc	gggcaacaga	gtgagtctcc	gtctcaaaaa	aaaaaaaaaa	60240
agaaagaaaa	agaaagagag	agacgggacg	ggagatagaa	tttacacaga	tcaatgggtt	60300
gagattagta	acactctaga	aatgcgcaat	gaaggacagt	tcagagtcaa	actatatcaa	60360
atatgactct	cttcatgtct	cttattatca	tgtatgcata	ttttaactta	atccttttag	60420
ttggcaatgc	atgtgcttca	aaattcaaaa	tctatcaaac	agaatacaat	aaatatgtct	60480
tcctctcttt	ttctcttttt	taaattgtttc	tttttgttgt	ttttgttttt	tgtttttttt	60540
ttttgagaca	aactctcgct	ctcgtacccc	aggctggagt	gcaatggcgt	aatctcggct	60600
cactgtaaac	tcgcctctcc	gggttcaagc	gattctcctg	cctcagcctc	cccagtagct	60660
gggattacag	gcacctgcc	ccacaccggc	ctaatttttt	tatttttagt	agagacagg	60720
tttcgccatg	ttggccaggc	tggctcgaa	ctcctgacct	caggtgatct	gcccacctca	60780
gcctcccaaa	gtgctgggat	tacagggtgt	agccaccggc	cctggcccca	tcaccccat	60840
ttatcacaac	attgtgcctc	attaaatgaa	tatactgtaa	tttacttaac	catttcccta	60900
ttgggtgaaca	tttaggttta	cacaaatttt	ctgcgttaca	agcaatgcta	tactgaataa	60960
taattcacct	gttagttttc	ttcatgtatg	agtatagctg	aagataaagt	tctcagttat	61020
agacttgcta	agtc aaatga	tatgcacatt	tgtaaatttg	ataaatatta	ccaaattgtc	61080
tgagagtttg	caccacgtac	acgaatgtct	gttctcttac	accatagcct	atacagggtg	61140
ttatcaaact	tcactctttg	caatgatgaa	gtcagtatct	ctctcattat	aagtaaggcc	61200
aagtatcttt	tcctatgttt	gagttattta	cacttctatc	tgttcacata	ctttgctgtt	61260
tttctatttg	tttatecttt	cttatcaatt	ttttctctat	taaggaaatt	atgttttctg	61320
ttatgaatta	ttgctatttt	tctaggtttg	ttttggcctt	cactttatta	tttttgtttg	61380
tttgtttcag	acggagtctc	gctgtttgtc	cccaggctgg	agtgcagtgg	tccaatgttg	61440
gctcactgca	acctccgctc	ctgggggttc	agagattctc	ctgcctcagt	ctcccaagta	61500
gctgggatta	caggtgccc	ccaccatgcc	cagctaattt	ttgtattttt	tagtaagacg	61560
gggtttcgcc	accttgccca	ggctgggtct	gaactcccaa	tctcaggtgg	tccaccgcgc	61620
tcggcctccc	aaagtgtctg	gattacaggt	gtgagctact	cgcccagact	gtttgttttg	61680
ttttttgagt	cttgctctgt	tgcctaggct	ggagtgcagt	ggttcaatct	ggctcactgc	61740
aacctctgac	tcctaggttc	aagcaattct	cctgccttgg	cctccaaagt	actatagacc	61800
tctgctgtgt	cttcagcctt	cctagtagct	gggagtacag	gtgcctacca	caacgcccag	61860
ctaatttttt	tgaattttta	gtagagacgg	ggttttacca	cgtcagcctg	gctggtctcc	61920
aactcctgaa	ctcaggtgat	ccgccacact	tggcctccca	aagaactagg	attacgggca	61980
taagcccttg	tgcctggcct	atcacccctc	tcacccccc	gccttttttt	ttctttttga	62040
gacggagtct	cactctgtcg	cccaggctgg	aatgcaatgg	tgagatctca	gctcactgca	62100
acctctgcct	cccggattca	agcgattctc	ctgcctctgc	ctccacagta	gctgagatta	62160
caggcacccg	ccaccacacc	cagctacttt	ttgtattttt	agtagagaca	gggtttcacc	62220
atgttagcca	ggctgggtctc	gaactcctga	cctcaggtga	tctgccaccc	accttgtacc	62280
attacaccgg	gctgaatttt	tttttttttt	tttttttgaga	tggagcttcg	ctcttgtttg	62340
ccaggctaga	gtgcaattggc	acgatctcag	ctcactgcaa	cctccgcctc	ccgcgttcaa	62400
gtgattcccc	tgtctcagcc	tcccaagtag	ctgggattac	aggctcatgg	caccacgcca	62460
ggctaatttt	tgtattttta	gtagagatgg	ggtttcatca	tattgggtcag	gctggtctca	62520
aactcctgac	ctcaggtgat	ccgccacact	cagcctccca	aagtgtctgg	attacaggtg	62580

tgagccactg	cgccccggcct	gattttttctt	tttttttggt	ttttttgttg	aaatgggggtt	62640
ttgctatggt	ggccccggctg	gtctcgaact	cctgacctcc	agtgatctgc	gccccctcg	62700
cctcccaaag	tgctgggatt	aacaggcggt	aaccaccgtg	ctggcctact	ttattttagga	62760
tagttttttt	gttttttatct	gttttttatct	tgtttttgtt	tgttttttctc	ttgtttttgtt	62820
ttgtttttaca	gatgaggtct	tacactgcca	cccaggctgg	agtgcagtgg	cacaaacaag	62880
gctcactgta	gcctcaacct	cctgggctta	attgatcctc	ccacctcagc	ctcctgagat	62940
cctgggacca	caagtgtgtg	ccacaacgct	tggctaattt	tttctttttt	gtagagatgg	63000
tgcccagggt	ggtctcaaat	tcctgggttc	aagcaatcct	cccacctccc	aaagagctga	63060
gattgtaggt	gtgaaccacc	aggcccagca	aattttataat	ttaatTTaat	tgtattgtat	63120
tgtatttaaa	tctaattttt	tttaaaaaaa	ttatttttctc	ttggctgggc	gcagtggctc	63180
acacctgtaa	tcccagcact	ttgggaagcc	aaagtgggta	gatcacttga	ggtcaggagt	63240
tcgagatcag	cctgaccaac	atggcgaaac	ccatctctta	ctaaaaatac	aaaattagct	63300
gggtgttgtg	atgggcgcct	gtaatcccag	ctactctgga	ggctgaggca	agaaaaatcg	63360
ttgaaccaa	gagacagaga	ttgcagtga	ccgagattga	gccattgcac	tccaggctgg	63420
gcaacaagag	caaaattcca	tatcaaaaaa	aatatacata	tatttttctc	ttcctcttat	63480
tttctagcca	ttcttttaaat	ataataaatc	taggctaggg	acggtggctc	acacctgtaa	63540
tcccagtagt	ttgggaggcc	gaggcagggt	aatcacctga	ggtcgggagt	tcgagaccag	63600
cctgaccaac	atggagaaac	ccccccccc	cgtctctact	aaaaatataa	aaattagctg	63660
ggcatggtgg	tgcatgcctg	taacccccac	tactcagaag	gctgaggcag	gagaatcact	63720
tgaacccagg	aggcggaggt	tgagggtgagc	caagatggca	ccatttgcac	tccagcccag	63780
gcaacaagag	tgaagctctg	tctctcaata	aataaataaa	taaaatgtaa	atTTTTTTTT	63840
tttttttttt	tttttggaga	cagagtctca	ctctgtcgcc	caggctggag	tgcagtggca	63900
tgatctcggc	tactgcaag	ctccacctcc	cgggttcatg	ccattctcct	gcctcagcct	63960
cctgagtagc	tgggactaca	ggcacctgcc	accacgcccc	gctaattttt	ttttttcctt	64020
tttttttaaa	gttcttgttg	gttcttgttg	cccagggtgg	agtgcaatgg	tgcgtcactg	64080
caacctctgc	ctcgcggtt	caagcgaatc	tccctgccaca	ggctcccag	gagctgggag	64140
tacaggcatg	caccaccaca	cccggctaata	tttgtatttt	tagtaaagggt	ggagtttcac	64200
catgttggtc	aggctggtct	tcaactcctg	acctcagggtg	atccgcccac	ctcagcctcc	64260
caaagtgtctg	ggattacagg	catgagccac	tgcgcccagc	acgcctggct	aattttttgt	64320
agtttttagta	gatacagggt	ttcacctgtg	taccaggggt	ggtctcgatc	tcctgacctc	64380
gtgacccgcc	caccttggcc	ttccaaagtg	ctgggattac	aggcatgagc	cactgcgccc	64440
agactaaatt	tttttttttt	tttttttttg	gatggaatct	cactttgtcg	ctcagggttg	64500
agtgcaatca	tgtgatctcg	gctcaccaca	acctctgcct	cctggattta	agagattctc	64560
ctgcctcagc	ctcccagagta	gctgggatta	cgggtatgtg	ccaccacgcc	cagctaattt	64620
tgtattttta	gtagagacgg	ggtttctcca	cgttgggtcag	gctgggtctga	aactcctgac	64680
ctcaagtgtat	ccgcccacct	tggcctcccc	aagtgtctgg	attacagggtg	tgagccacca	64740
cgccccggcc	aataaatcta	aattttaaaga	gccacatagg	caatcacttt	aagatccaac	64800
ttaaataacca	tctctcctcg	gacaattccc	ttgatctcca	gtcttcattc	ctaactcttc	64860
tacgtgcaga	cacacacaca	gacatacaca	cactcagagg	ctcctgcccc	tctgcacagc	64920
cctgcctgca	tctgctcctc	tccaaagata	tctattgtac	tccatagtag	ggcagtaacg	64980
ctgcccact	ttgctcagta	tactctgtaa	attccttaag	gcagggtctg	tcattctttcc	65040
gcagcaccac	agtgttctgc	ggtgcctttc	aactagtggg	aatggaagag	ctatttgttg	65100
ggtttttaagt	gttacggcaa	tatttgttaa	tgtccaaaca	gaaattggcc	tatgtgcaaa	65160
tttttcagata	tacattgtaa	tttgatactt	gcattagcat	agaactcaat	tctgagctta	65220
agaaacaaga	aaagttattg	aaagttactt	tttagaattt	atcgagaatt	tacctaggtt	65280
attttctatt	tatgctgcac	caatcctcgc	actgatttct	ggaggatgct	gataccaaat	65340
tgttttctgg	ataacagaag	tgatttttaa	gtttctgggg	ctgggcgcgg	tgctcatgcc	65400
tgtaatcccc	agcatttttg	gaggccgagg	tgagcacatc	acttgagacc	aggagttaa	65460
ggccagccag	gacaacatgt	ggagaccccg	tctccacaaa	gaatacaaaa	acttagcctg	65520
gtgtggtagt	gcgcacctgt	agtccttagc	tgctcagagg	gcctggggct	ggagggatca	65580
cctgagcccc	aggaggttga	ggctgcagtg	agctgtgatc	tcaccactgc	actccagcct	65640
gggcatggag	tgagaccttc	tcaaaaaaaa	aaacaagtcaa	aaaagaaaatc	tttcgggaag	65700
cctgcagtcc	tatttttgcaa	tgtttgccat	tttccagcag	gagccaatga	aaacttttct	65760
ttgctctata	atcatctatc	aagtataaag	aactgcttgc	catgtagtat	cttcaactaa	65820
aagcaaagcc	tttttttttt	tttcttgaaa	cagagtctcg	ctcttgttgc	tcaggctgga	65880
gtacaacagc	atgatcttgg	ctcactgcaa	cctctgcctc	cccgttccag	tgattctcct	65940
gcctcagcct	cccaagtagc	tgggattaca	ggcaccgcc	aaaacacctg	gctaattttt	66000
aatactttta	gtagagacgg	agtttcacca	tgttggtcag	gctgggtctca	aactcctgac	66060
ctcaagtgtat	ccaccacctt	tggcctccta	aagtgttggg	attacaggca	tgagccactg	66120
cgccccggcct	tttttttaaaa	aaaaaaaaca	aaaaaaaaca	agagtgtgtc	ccccaggctg	66180
gagtgcagta	gtgtgatttt	ggctcactgt	gacctttacc	tcctggattc	aagcaattct	66240
cctgcctcag	cctcccaagt	agctgagatt	acagggtgcc	gccaccaagc	ccagctaagt	66300
tttgtatatt	taatagagac	agagttttta	ctatgttggc	cgagttggtc	tcgaactcct	66360
gacctcaagt	gatccgctg	tctcagcctc	ccaaagtgtc	gggattacag	atgtgagcca	66420
ccatggctgg	ccaaagcaaa	gcctttttga	aaaaataaac	tttttttttg	ccaagagcgg	66480
tggctcacgc	ctgtgatccc	agcactttgg	gaggctcagg	cgggcggtac	acctgaggtc	66540
aggagtttga	gaccaacctg	acaaacatga	agaaaccccc	tctctactaa	aaatacaaaa	66600
ttagccaggc	gtgggtggcgg	gcacctgtaa	tcccagctac	ttgggaggct	gaggcaggag	66660

aactcacttgga	accggggaga	cggagggttgc	agttagcgaga	gattgcatcg	ttgcactcca	66720
gcctggggcaa	caagagcaaa	actccatctc	aaaaaaaaaa	aaatTTTTTT	taaataaacg	66780
TTTTTTgggc	tgggcagggt	ggctcacgcc	tgtaatctca	gcactttggg	aagccgaggc	66840
aggtggatta	cctgaggtca	agaccagcct	gaccaatggg	gtgaaacccc	gtctctacta	66900
aaagtacaaa	aaaaattatg	cgggtgtggt	ggtgcatgac	tgtaatccca	gctactcagg	66960
aggctgcagc	aggataatgc	ctttaaccca	ggagatgaag	gttgctgtga	actagatcat	67020
cgccaccgca	ctccagcctg	ggcaacaaga	ggagaccccg	tctcaaaata	ataataataa	67080
actTTTTgtc	ggggagggat	ggggagatgt	tactacaagg	atgcaaactt	tcagctaaac	67140
aggaagaaca	agtTTaagag	atctattata	taacatgggt	acaatggcta	ataacaatat	67200
attgtattat	TTTTattatt	attattagtt	gagacagtgt	cttgctctgt	cacccaggtt	67260
ggagtgcagt	agcatgatta	ctgctcactg	ccgcctcgac	ctcctgggct	caagtcatcc	67320
tcccacctca	gccttccaag	tggctgggac	cacaggcaca	tgccaccatg	cctgactaat	67380
ttattTTTTa	aattTTTTga	ggcgggcat	ggtggctcac	acctgtaatc	ccaacacttt	67440
tgaggggcaa	gatgggtgga	tcacgaggtc	aggagtTTga	gaccagcctg	gccaacatgg	67500
tgaacccccg	tctctactaa	agataaaaaa	aattagctgg	gcgtgggtggc	gcatgcctgt	67560
aatcccagca	actcgggagg	ctgaggcagg	agaatcgctt	gagcctggga	ggtggagggt	67620
gcagtgagct	gagatcatgc	cattgcactc	cagcctgggc	gacagggtga	gactccatct	67680
caaaaaataa	ataaataaat	aaatttgtaa	agacagggtc	tccccatggt	gcccaggcta	67740
gtcttgaatt	cctggggtca	ggcaatcctt	ctgcctcagc	ctcccaaagt	gttggaaatta	67800
caggcacgag	ccactgcgct	cagctaatat	attgtattct	tgaaaattat	aggtcaggca	67860
cagtggctca	ccactgtaat	cccaactact	tgggaggcca	agggaggcat	atcacctgag	67920
accagcctgg	caacataggg	agacccccat	tctacaaaaa	tacaaaaatt	agccaggcat	67980
ggtggcacga	gcctgtagtc	ccaacgactc	ggaggttgag	gtgggaggat	cacctgagcc	68040
tgaagggctg	aggctgcagt	gagccatgat	tgaaccactg	cactctaacc	caggcatcag	68100
aatgagacct	tgtctccaaa	aaaataataa	taataactaa	aaaaaaaaag	ccactgggga	68160
aatgtactta	ctgacagtg	cacgagtaag	ggtttgattc	tatgtctatg	aacctcagat	68220
TTTTtcaatg	aatagctatc	atttatggaa	tatctagagt	agatgtTTTT	tgagtattat	68280
ctgagatgct	cacaaaagct	caggaagtta	agtTTtagcc	ccatttcata	gtcccaaatc	68340
ccagagaggg	tgtgcagctg	gaaggtggca	aggaatagaa	ccaggggtccc	agctgtcttt	68400
ctaactcaac	atTTTTcaac	ctgtattcca	cgacacattt	ttgggcattc	gtattacttg	68460
tctcaaaact	gtgctccaga	gtcaagaagt	gccagtgaac	catttcctct	cacatgagtt	68520
tacccttcac	atcagcaaat	ttgcatttta	gagaagccct	gcatcaaaga	aaagcattta	68580
tttctattag	ttgtttccaa	atacatttgg	atttggaa	atctgttcaa	gggagtccca	68640
gtagcatcct	ggaaacttgt	acagatgttg	agttgagttt	tccccttgct	ctgcaactga	68700
ggccttcagc	tgaggaaaaa	gggggcatta	agtaccccc	atttctaaaga	gaaataccac	68760
cactggggca	tcactcctgg	ccatgccctc	ccatcttgct	aatccccaac	ccctacctga	68820
aaagactggg	ctggggagat	gggaaggagg	tcacaagagc	agaatgttgt	tggccatgca	68880
tggtggctca	tgtctgtaat	ccagcactt	tggggggcca	aggtgggagc	atcatttgaa	68940
ctcaagaatt	tgagacctgt	ctgggaaaca	aggtgaaacc	tcactctctac	taaaaataca	69000
aaaaaattag	cggggcgtgg	tgtgtcgctg	ctgtagctc	agctactcag	aaggctgagg	69060
gggaaggatc	actagagttt	gagcagtgat	cacttgaggt	tgcagtgagt	ccagattgtg	69120
ccactgtact	ccagcctagg	cgacagagtg	agacactgtc	acaaaaatgaa	acaaaaacaaa	69180
aaaacccttc	acagcaacat	ctatgttaca	ggaaaggggg	tctagatcca	gactccaaga	69240
gaaggttttt	ggatctcacg	caagaaattc	agggcgagtc	catagagtaa	agtgaaagca	69300
agtTattagg	aaagaaaagg	aataaagaat	tggctgggcg	cagtggctca	cgctgtaat	69360
cccagcactt	tgagaggcca	aggtgcgcag	atcacctgag	gtcgggagtt	tgagaccagc	69420
ctgaccaaca	tgcagaaacc	ttgtctctac	taaaaataga	aatcttagctg	ggcgtgggtg	69480
cacattctct	taatcccagc	tactccggag	gctgaggcag	gagaaccgct	tgaaccgggg	69540
aggcagaggt	cgccgtaaag	cgagatcgca	ccgttgcaat	ccatcctggg	caacaagagc	69600
aaaaccggct	cataatcaat	caatcaataa	ataaatacaa	agaatggcta	ctccatagac	69660
agagcagccc	caacagctgc	tggttgccca	TTTTtatggt	tatttcttga	tatgctaaac	69720
aaggggtgga	tgattcatgc	ctcccccttc	tagaccatat	tggtaactt	cctgacattg	69780
ccatggcatt	tgtaaaccat	catgtgtcag	tgaggacaac	cagaggtcac	tctctgggcc	69840
atcttgattt	tgatgggttt	gggcccgtct	ctttactgca	accggtttta	tcagcaagggt	69900
ctttatgacc	tgtattttgt	gccaacctcc	tgtctcatcc	tgtgacttag	aatgccttaa	69960
ccatctggga	atgcagccca	gtaggtctca	gcctcatttt	accagctcc	tattcaagat	70020
ggagttgatc	tggttcacgt	gcctctgaca	tctagactga	tgtctgaccg	aacaactgag	70080
tcccacagcc	tggccaagtt	gacacatgaa				

gtgagaccct	gtctcaaaaa	aaaaaaaaaa	aagtaaataa	aagaaaagag	gttttttggc	70800
tcacagttct	gcaggttgta	caagaagcat	ggcaccagtc	tctgctcagc	ttctagtgag	70860
ggcctggagg	tacttccact	catgggggaa	ggtgaaaggg	agccagcatg	cgcacagact	70920
gcctggcaaa	agagaaaagca	agaaaagagcg	gcggggaggcg	acccaggctg	ttttccgcag	70980
ccagctctcg	tgggaaccag	taacggcgag	aactcactca	cccaccctca	tccaggggtg	71040
taatctagtc	aagagggatc	tggaaaacta	aataaataaa	agaaaaaaa	ataaacgaaa	71100
aaaagaggaa	tttgctccca	agaccccaac	acctcccatt	agaccccacc	tccaactggg	71160
gatcaaattt	caacatgagt	ttgtgcgggg	acaaactaca	gcatacataa	aaaggcccgg	71220
cacggtggct	tatgcctgta	atcccagcac	tttgggaggc	tgaggcgggt	ggatcacctg	71280
accctagcag	ttggagacca	ccaggctgac	caacacaaat	acaaaattta	gccaggtgtg	71340
gtggcgtag	cctgtaatcc	cagctacttg	ggaggctgag	ggagaatccc	ttgaaccggg	71400
gaggcgagg	ttgcggtgag	ccgagatggc	accactgtgc	tccagcctgg	gcaacagagc	71460
gagactccgt	ctcaaaacaa	acaaaaaagt	gtgtgattaa	aaagtagaaa	aatattatct	71520
ttatttcctat	ctctaatttg	aaatggactt	tttttttttt	tttttttgag	atggaatctc	71580
tccctgtcac	ccaggctgga	gtgcagtggt	cgagatctgg	gctcactgca	acctccgcct	71640
cccagagttca	agatattctc	tgcctcagcc	tcctaagtag	ctggaatgat	tacaggagtt	71700
tgttaccaca	cctgggtaac	ttattaaatt	tttttggttt	gtttttgaaa	tggagtccta	71760
ctctgtcgcc	caggctggag	tgcagtgaat	taactctggc	tcactgcaac	ctcctccctc	71820
tgggttcaag	caattccctg	cctcagttct	ccaagtagct	gggattacag	gcgtccgcca	71880
tcacgcccag	gtaatttttg	tatttttagt	agagatgggg	tttcaccatc	ttggccaggc	71940
tgggtctcgaa	ctcctgacct	cgtgatccac	ccgcctcggc	ctcccgaagt	gctggaatta	72000
caggcgtag	ccatcgtagc	cggcctggaa	atgaacttat	tttctcagat	atcaagctta	72060
gggaaatacg	ctttttgaag	aatctttaca	gaaattcgtg	atggtagctg	ggtctttcat	72120
gttacaccag	acttttaagt	ctgcgaactt	gtgactagga	aagataactc	tacgtgatgc	72180
tgtgtatctc	agctggctct	gaaagcctct	tttgcatata	tttctacaac	atgcagagtt	72240
caaaggaaaag	tagtatagaa	tgttacaaaag	ctacattccc	ggaaaatgaa	ttagaattta	72300
tatccaacat	ttattagcca	attgttcatt	tccttggggc	tataaaactt	aaaaggggag	72360
aatggccaag	tgacattttt	aaagaggaaa	ttgggatggg	aatgaggaca	tttaaaatcg	72420
ctcactctgt	ccttatattca	accagtgtct	caattgagat	ttattgaata	cttactgtaa	72480
aaagcacaaa	attaaagctt	ctctgaagga	aaaaggaagg	tgaactcaac	aaggcttaga	72540
tctgtgcca	ggaattttat	ccaaacatag	tactgtataa	aatagcctgc	cgtttgagtt	72600
taccactgta	tctctggcac	ctataaactag	cctgatttag	gtactaaaaa	aatattttat	72660
tggctggggc	ccaatggctc	acacatgtaa	tcacagcact	ttgggatacc	gaggcggaca	72720
gatcacttga	ggtcaggagt	tcagcaccag	cctgaccaac	atggtgaaac	cctgtctcta	72780
ctaaaaatac	aaaaattagc	cggacatggg	gggtgcagtc	tgtaatccca	gctactcagg	72840
aagctgaggc	aggagaatca	cttaaaacta	caggaggcgg	aggttgcaat	gagctgagat	72900
tgcaccattg	cattccagcc	taggcaacaa	aagcgaaact	ccatctcaaa	aaaaaaaaaa	72960
aattatttaa	tgagaacata	ggccaggcat	gggtggctac	acctgtaatc	ccagcatttt	73020
cgaaagccga	ggcaggcgga	ttacctgagg	tcaggagtct	aagaccagcc	tggccaacat	73080
ggtgaaactc	cgtctctact	aaaaatacaa	aaattagctg	ggcatgggtg	cacacgcctg	73140
taatcccagc	tactcgagag	gctgaggcag	gagaattgct	tgaacccagg	agatggagggt	73200
tgcagtgagc	tgagatcggt	ccactgcact	ccgcctagc	tgatagagca	agactccatc	73260
tcaaaaaaaa	aaaaaaatga	gaacataaat	aaatagatcc	atgccaaatg	tgttgcccat	73320
ttataaaaga	aggtgtgctt	ggcctgtcat	gggtggctac	acctgcaatc	tcagcagttt	73380
gggaggccaa	gggtgggagg	tctcttgagg	tcaggagtct	gagaccagcc	tgggcaatat	73440
agtgagatct	tggctctaca	aaaaaaaat	ttttttatct	tttaatatat	ggtttattta	73500
tttattttat	tatttgagac	agagtctcgc	tctgttgccc	gggctggagt	gcagcagcgc	73560
gatctcagct	caccacaacc	tctgcctccc	gggttcaagt	gattctcctg	cctcagcctc	73620
ccaagttagt	gggcttacag	gcattgtgca	ccacgcccac	ctaattttgt	attttttagta	73680
gagacagggt	ttctccatgt	tggtcagggt	gggtctgaac	tcctgacctc	aggtaatcca	73740
cctgcctcag	cctcccaaa	tgctgggatt	acaggttgta	gccaccgcgc	ccagccaata	73800
tattctatta	ttttcaagac	agggtcttgc	tctgtctccc	aggctggagt	gctgtggcaa	73860
aatcaccaat	cactgcagcc	tccacttccc	cagctcaagc	aactctccca	cctcagcctc	73920
ctgagtagtt	ggtactacaa	gtacacgcca	ccatgcctgg	ctacgttttg	tactttttgt	73980
agtgatgggg	tcttcttgtg	ctgcccacaa	tggctctgaa	ctcctaggct	catgtgatcc	74040
ttctggcgct	tactcccaaa	gtgctggaat	tacaggcacc	agtcaccaca	ccccgctacg	74100
attttttttt	tttttttttt	taatttagcag	aaggtgggtg	cacaagcctg	tagtcccagc	74160
tacttgggag	gctgaggtgg	gagatttgct	tgagcccagg	aggttgatgc	tgcaatgagc	74220
tgagatcatg	ccactgcact	ctagcctggg	caacagagca	agaccttgcc	tgttttttct	74280
ttgcctcaag	aaaaaaaaaag	agatgtgctt	gatctaacct	gttgtgttgc	ctctgttccct	74340
aacttgaagg	ccaaacagct	accctttcct	tttccagtat	tgagtacctg	ctgtgttcaa	74400
gctactgtgt	taggtgcagg	gatacaacag	tcaacaagga	aacatgacaa	gccaatcttt	74460
gtactgactt	gctcttagag	gggtaagaag	gtaactctgg	gaaagaggat	aaatgccagg	74520
ataaagaagg	taggatgcca	agatagtga	cattagggtc	atcacaaggg	aacctgact	74580
tatttgggtt	aacattgaag	gctgctagcc	tcttctagag	ccagttggga	ggaggagctc	74640
agttatggct	ggatgctgca	gacttgggat	gatggccata	tgggaagggc	tctaactccc	74700
tctgcctgtg	atgtggagggt	gagagtggat	acagtcagcc	tggaccatga	gggtgacacac	74760
agaacagaag	tctgtgcttg	ggccgggcac	gggtggctcag	gcctataatc	ccaacacttt	74820

gggaggccga	ggtgggcaga	tcacctgagg	tcaggagttt	aagaccagcc	tgggcaacat	74880
ggtgagactc	tcgctgttct	tttttttttt	tttttttttt	tgagatggag	tttccctctt	74940
ggtgcccagg	ctggagtaca	gtggcactat	ctcagctcac	tgcaacctcc	gcctcctggg	75000
ttcaagcgat	tgtcctgcct	cagcctccca	agtagctggg	attacaggcg	cctgtatttt	75060
tagtacagat	gacctcaggt	gatccaccca	cctcagcctc	ccaaagtgcg	gggattacaa	75120
gcatgagcca	ccgcgcccag	cctctgtatt	ctttaaaata	aataaataaa	attttaaaaa	75180
agaagaagaa	ggaagaagga	aggagaagga	gaagaagaag	gaggagggtcg	gtgcccagat	75240
atgaaagaag	aagaaaagga	gccaggactg	tcattgactgt	caagctgtcg	taccacgctg	75300
gactctgttt	ccacattcat	ttaacatgag	aaattcagtt	tctgtcttgt	taagccacag	75360
ttgtcacttc	tctgttatga	gtagtcaaaa	atttccctaa	gggataccag	cacctaaactc	75420
aagggaaagt	ggagaagact	tggcaaaagga	cttcacatca	aaggtgagac	cttggcagac	75480
aaatcaaaga	ggcggagaaa	agtgtacagg	ttagaggagc	cagcgtgagc	acaggaggcc	75540
tggggatgga	aagtgtgcaa	ggtctggaat	tcactgcagc	tgtccctgc	agtgccgttg	75600
gctgggggaa	tcaggcagcg	tgggaggagg	aagatgatgc	tgagtgatga	agccaggaag	75660
gacagcaagg	actgaatctg	aaagaagacc	atgtatgccg	ggcacggtgg	ctcacacctc	75720
taatcccagc	actttggggag	gccaaaggcag	gtgaatcact	tgaagtacag	agtttgagac	75780
cagcctggcc	aacatgggtga	aaccccactc	ctattaaaaa	tacaaaaatt	agccgggcat	75840
ggtggtgcgc	acctgtaatc	tcagccactt	gggagatgga	ggcaggataa	ttgcttgaac	75900
ctggaaggca	gaggttgagc	tgagctgaga	ttgcgccacc	actatactcc	agctgggcaa	75960
tagagccaga	ctccgtcatg	aaaaaaaaaa	aaaaatcaga	agaagagggg	acccaaagat	76020
aaacatccaa	atcatgcaaa	gtcaattagt	gaatattaca	gattatactt	aagctgccag	76080
tccaatcagg	aaagcaagac	gtagaagtta	gatcaggggag	cagccagaac	cctataaaga	76140
gttgtaagaa	ggacataagg	tcaagaggag	gcaaagcaaa	aaacgagcaa	agccagaggg	76200
tgaggggaaac	tcaatttcag	gagatcttgc	tccgtttttg	aagaaaaatt	tgagcttcgg	76260
attcctacat	taattttcaa	actagagtgt	attttaaactt	tgatcgacaa	tgtctatttg	76320
ggggatataa	aactagtttt	tgtgacctat	ttttgttttg	tttgttttgt	tgagacacag	76380
tcttactcta	ttaccaggc	tggaatgcag	tcgcgtgatc	ttggctcact	gcaacctcca	76440
cctcccaagt	tcaagcgatt	cttctgcctc	agcctcccaa	gtagctggga	ttataggcac	76500
ctgccaccag	gcccagctaa	ttttttgttt	gtttgtttgt	tttttgagag	ggagtcttgc	76560
tctgtcgcca	ggctggagtg	caataacgag	atctcagctc	actgcaatct	ctgcctccca	76620
ggttgcaagcg	attccctcgc	ctcagccctc	tgagtggcca	ccttgccctg	cccaatttct	76680
gtattttttt	tttttttttt	ggtatttttt	tttttagtaga	gacagcggtt	cagctgggtg	76740
cggtggctca	ctcctgtaat	cccagcattt	tgggaggcta	aggtgcgcag	atcacaaggt	76800
caggaattcc	agactagcct	ggccaacgtg	gtgaaatccc	acctctacta	aaaaaataca	76860
aaaattagtt	gggcatggtg	gcatgcacct	gtaatcccag	ctactccgga	ggctgaggca	76920
ggagaatcct	ttgaacctag	gaggcagaag	ttgcagttag	ctcagatcac	gccactgtac	76980
tccagcctgg	gtgacagagc	aagactctgt	ctcaaaaaaa	aaaaaaaaaa	aaaagtagag	77040
acagggtttc	gccatgttgg	ccaagctagc	ctcgaactcc	tgacctcaag	tgatctgccc	77100
acctcggttt	cccaaagtgc	cgggattaca	ggtgtgagcc	accatgccca	gccaacaatc	77160
tgttttatcc	agtgttatgt	ttgcacagta	ttgggaaaca	gtattatctc	aaccttgaaa	77220
gatttaacat	ggtcatgaaa	tttcaggcca	gagagagctt	ggagccaact	agaactagt	77280
tcttcatatt	acacttgaga	aattgaggca	agagagggtga	agcaacttgc	ccacaggtag	77340
acaggtaact	agtggcagag	ctacagcatt	acatagtatt	accttctaaa	gccagtaagg	77400
aagacggcct	ttggaggggga	ggcagagctc	tctatcagtg	ccaagtccat	aggcaactat	77460
tggaaagtgtg	agaagaatga	tcccagagtg	ttgcaggttg	tggcatgaaa	agggagttgg	77520
gcaatcatgt	ggagcttgga	cacctcagga	agtcaggaca	tgggtgggtga	ctgtatccca	77580
tcaccgttac	ttagctttat	ggttttctga	aagcaggttg	ctgcctgctg	ggatcacctt	77640
gacaactaag	agcttctctt	gcagggtgaaa	cttgcctaag	tacttggtaa	ggtctgcagg	77700
gaaattgag	gctccaggaa	ggtggtaagg	tgcgagaaca	ccttcaactgc	ctctcctccc	77760
tctccccttt	tttttttttt	agacagagtc	tcgctctgtc	acccaagctg	gagtggcagt	77820
gtgatctcgg	ctcactgcaa	cctccacctc	ccaggttcaa	gcgattctcc	tgctcagacc	77880
tcccaagtag	ctgggattac	aggcaccgcg	caccatgcct	ggctagtctc	tttcttcttt	77940
tttttgagac	ggagtttcac	tcttggtgcc	caggctggag	tgcaatggca	caatcttggc	78000
tcactgcaac	ctctgcctcc	caggttcaag	cgattctcct	gcctcagcct	cctgagtacc	78060
tgggattaca	ggcatgtacc	accacaccca	gctaatttgt	attttttagt	agagacaggg	78120
tttctccatg	ttggtcaggc	tggtttcaaa	cccctgacct	cagggtgatcc	acccacctca	78180
gctcccaaaa	gtgctgggat	tacaggcgtg	agccaccagg	cccggactaa	tttttttttg	78240
tgtagacggg	gtttctccat	gttggccagg	ctggtttcaa	actcctgact	caagtgatct	78300
gctgctctcg	gctcccaaaa	atgataggat	tacaggcgtg	agccaccaca	ccctgctctc	78360
tcctctctct	ctgggactaa	atcatccatg	agtattgttg	tttgtgtgtg	gtgggtgtgt	78420
tgttgttatt	gtctaaggga	ggttttctgt	ctgttttttg	aatgggttca	tttaaataac	78480
aataagaaac	aaagaatgca	tttaaatttt	gtttccttct	tgaaatgtgg	gattagttta	78540
aggatatacc	gggagaaata	ttcacaaggg	tatttttaac	tagtcagtc	tttttagatta	78600
caagaagcaa	tccctcctta	cttgtgccaa	gtcccttgct	acacagagga	tttaacacat	78660
tcctgggatg	tgcttttaaac	aaggctgagg	gcactttgtt	tatggaaatg	tttggcagcc	78720
tttctgtttt	tcccatggg	gaaatgtttg	cacttttaaa	aatgaacttg	gctgggagag	78780
gatcacttga	gcccagcagt	ttgaggttac	agtgaactgt	gattgcaccc	tgcattttag	78840
cctagggtgac	agagagagag	cttgtcttaa	ttttaaaaca	aaaaaaacct	tttttttaac	78900

aagagggtc	gtgggtcaca	cttghtaatcc	cagcactttg	ggatgctgag	gttggaggat	78960
tgcttgagct	caggagttca	agaccagcct	gggcaacata	gtgaaaacg	tcttaacaaa	79020
aaatacaaaa	attagtctgg	cttgggtggcc	ccccatattg	ccccagctac	ttaagaggct	79080
gaggtggggg	gaacacttga	gtccaagagg	ttgaggggtg	agtgagccaa	aatcacagca	79140
ctgtactcca	gacccagtct	caaaaacaaa	aaaggaactg	gaactatgtt	aacatccaga	79200
ggtccttact	gatacaaa	aaggattgaa	taaaaactaa	ataaatgcag	gtgaagagac	79260
aaatccccca	tgaagaaaaa	tttcaaataa	ttaatgtaga	cactttgtcc	tcaaggaggg	79320
gaagcacaa	tcctcactcc	ttagggtgtg	gctcccaaaa	gtcacttcct	tcacagagca	79380
ctgtatatag	taagggagga	tcaaaagagc	atctttacag	tggggaaacc	tgcttgccct	79440
caaaaatagg	tgagggcagg	gcacgggtgg	tcattggtgg	ctataatccc	agcacttttg	79500
gaggttgata	tgggtggatc	acttgaggcc	aagggttcaa	gaccagccag	gccaacatgg	79560
caaaaccctg	tctttactaa	aaaaaaaaata	caaaaattag	ctgggcgtgg	tggcacaaag	79620
ctgtaattccc	agttactttg	gaagctgagg	caggagaatc	gcttgaacct	gggagccgga	79680
ggttgacagg	agccaagatc	actcactcat	actcctgcct	gggtgacaga	gtgagactcc	79740
atctcaaaaa	taaataaata	aataaataat	acaaatacca	aaaaattaac	caggcatggc	79800
cgggcgagct	gactcacacc	tghtaatcca	gcactttggg	aggccaaggc	gggaggatca	79860
tgagttcagg	aaattgagac	catcctgggt	aacacggtaa	aaccccatct	ctactaaaaa	79920
aataccaaaa	aaaaaaaaaat	tagccgggca	ttgtggcggg	cgctgtagt	cccagctact	79980
caggaggctg	aggcagaaga	atggcatgaa	cccgggaggc	ggagcttgca	gtgagccgag	80040
atcacgccac	tgcactccag	cctgggcgac	agagcgagac	tgcgtctcaa	aaaaaaaaaa	80100
aaaaattaac	caggcgatg	ggcatgcacc	tgtgatccca	actctccag	aggctgaggc	80160
aggagaatca	cctgaacctg	ggaggcgagg	gttgagtgta	gccaagatca	tggcactaca	80220
ctccagcctg	ggcaacagag	tgagactcca	tctcaaatac	aacaacaaca	acaaaccag	80280
aatgtagcca	ccaaatatgt	tctgtctttt	ccctcaatct	cctcctctga	ctggctggca	80340
tttccaatga	ttgtctgaca	tttcatgtgt	gatataacaa	attgtgatta	caggcatgtt	80400
ggcacgtgcc	tghtaatcca	gctactcggg	agcctgaggc	agaagaatcg	cttgaatctg	80460
ggagatggag	gttgagtgta	gcccggtgtg	agtcactgaa	ctacagcctg	ggcgacagag	80520
caagactcca	tctcaaaaaa	aaaaaaagac	tatgaacaa	aaatgcgcaa	atcttaggat	80580
gtgatgaaat	ctgagtaatg	gaataaaaaa	tattgttaat	tatatatttc	tcaacatttt	80640
tcagaggcgag	cacagagaag	gagccagatt	atctggtgaa	cctgattagt	aacgcaatcc	80700
accacacagt	cttcaggagc	attacttctg	ctgaatttga	actttcatct	ctcagctgac	80760
aaccattctc	atatcaacca	tcttacctgc	tgatactgcc	aatttcagca	gcactgcctt	80820
cttaaggact	atttgtacaa	gccttttaaa	atttcatgtc	attttagccc	ttattaattt	80880
ataaccattg	atggaaaatg	gaaaattaaa	gtgctgatat	gagtcatagt	cataagaaac	80940
ataggtctca	taagccgggc	gcagtggtct	acgactgtaa	tcccagact	tggggaggcc	81000
aaggcggtg	gatacctgag	gtcaggagtt	tgagaccagc	ctggccaaca	tgggtgaaacc	81060
ccatctctac	taaaaataca	aaaattagcc	aagcgtggtg	atgcacgtct	gtaatcccag	81120
ctgctcagta	ggctgaggcg	ggagaatcgg	tgaaccagc	gaggcgagg	ttgagtgag	81180
ccgagatcgc	gccactgcac	tccagctgc	gtgatacagc	gagactccgt	ctcaaaaaaa	81240
aaacaacaaa	caacataggt	tctcataaac	ttaaaacaca	taagacgatt	ccttggacat	81300
gccagaggct	gtatctgtct	caatcagagt	ttccccaggc	agtctaagct	aatggactct	81360
gctcagttgt	gaaggaagca	aattaagaaa	cttgtcttaa	aaaaaaaaaa	aaaaaggtaa	81420
aaaaaggccg	ggcgcggtgg	ctcacacctg	taatcccagc	actttgggcg	gctgaggtgg	81480
gtggatcacc	tgaggtcagg	agttcgagac	cagcctggcc	aacacgggtg	aaccccgctt	81540
ctacttaaaa	tacaaaaaatt	agccgggctg	tgtggtatgc	acctgtaatc	ctagctactt	81600
gggaggtgta	ggcaggagaa	tcgcttgaac	ccgggaggca	gaggttgag	tgagctgag	81660
tggtagctta	gcactccagc	ctgggggata	agagtgagac	ttcatcttta	aaaaataaaa	81720
agaaagaaag	aaagaaactt	gtagtagcca	cggtgagtg	ctgttgttcc	agctatttcag	81780
gagcctgagg	caggaggatc	acttgagccc	aagaggtgga	ggctgcagtg	agctgtgatc	81840
ccaccactgc	attccagcct	gggcaacaga	ataagatcct	gtgtcaaaaa	acaaaaacag	81900
aaacaccaga	ctgggcagat	tggctcacgc	ctgtaatccc	cgaactttgg	gagycggagg	81960
caggcgatc	atctgaggtc	gggagttcaa	gaccagcctc	accaacatgc	agaaaccatg	82020
ttgaaactac	aaaattagcc	gggcatagt	gcacatgcct	tgaatctcag	ccactggga	82080
ggctgacgca	gcagaattac	tgtaacctag	gaggtggagg	ttgcggtgag	ctgagattga	82140
gccattgcac	tccagctcgg	gtaacaagag	cggaaactca	tctcaaaaaa	aaaaaaagaa	82200
gaaacttgta	gtacccaagg	tgcgtgcctg	ttgttcaggc	taattcaggag	cctgaggcag	82260
gaggatcact	tgagcacagg	aggtgaaggc	tgagtgagc	cgtgatcaca	ccgctgcatt	82320
ccagcttggg	caacagaata	agatcct				

<http://snp.csi.cmu.edu/cni-hin/wnet7?-vn+2+-e+embl-id:AP003357>

tgcttgaacc	caggaggttg	aggttgagat	gagctgagat	cacgccacag	cactccagcc	87120
tgggcaacac	agcgacactc	cgtctcaaaa	aaaaaaagaa	aagaagaaaa	gaaaagcctt	87180
ttaccttctg	ttacctaccc	ccacacacac	tgacacccct	tacctcacct	ctctcagctc	87240
tgtccctttt	tctttccaat	gtgaacccct	agttatttgt	ctccttgctg	tttgtaacct	87300
tgcaggtctg	ccagctgccc	atcccatgtg	cgtccctgtt	ccatcctgcc	ctgggtagt	87360
ctctgcttct	ctttacctgg	ccaattccat	cttattctgt	aagtgtgaac	ttagatgtca	87420
ccacctctgg	gaggccctct	ctgatctacc	ccaaactaag	atagtgcagt	ggctcactcc	87480
tacaatccca	gcactttggg	aggccgaggt	gaacagattg	cctgaaccca	agagttcagg	87540
acaagcctgg	gcaacatggc	gaaacgctgg	ctctacagaa	aataccaaaa	tgagtggggc	87600
atggtggtgc	acgcctgtta	tctcagctac	tcaggaggtc	gaggtgggag	aatcgcttga	87660
acctggggag	caaaggttgc	agtgaagcaa	gattgcacca	ctgcactcca	gcctgggtga	87720
cagagtgaga	ctctgtctca	aacaaacaaa	caaaccacac	attcaacagc	accatgtgca	87780
taggtacatg	aatttctttt	ctaacacatg	taggttttcc	tttgcagggg	aactacctac	87840
atgtagctct	gaatttctca	gccattagag	gggtcctgag	gtctctcttg	agatagaccc	87900
tcgcccagg	tatggaggta	gttcagatga	aaccttccca	cccccaaagg	accttctgg	87960
ccaatccaat	tcctgaagca	tgtctcttcc	ttcacctttt	gtggtctatt	cacccttcac	88020
aagacccaac	taactaaaa	gtgaactccc	cacaattgta	attaatctct	tcctgctttc	88080
ctagcatttt	gttttgtttt	gttttgtttt	gtttttttaa	ctttttaatt	tttttagatg	88140
gaatttcgct	cttgttgctt	acctggaggt	gcaatgggtg	gatctcagct	caccgcaacc	88200
tcgcctccc	cgggtcaagt	gatttctctg	cctcagcttc	ctgagtagct	gggattacag	88260
gcattgcgcca	ccacatgcag	ctaattttgt	atttttagta	gagacaggg	ttctctatgt	88320
tggtcaggct	agtctcaaac	tcctgacctc	agggtgatcc	cctgccccgg	ccttccaaag	88380
tgctgggatt	acagggtgtga	gctacctcac	ccagccttta	ttttttattt	ttaatgatat	88440
acagcatata	tgctgactta	tatcacagtg	acttgtgcca	ttaggctaga	tggtccactt	88500
tttttttttg	agatgggtct	actctgtcat	ccaggctgga	gtacagtggc	atgatcacag	88560
ctcactgtaa	cattgacctc	ttgggtcaa	gtgatcctcc	tgcttagcc	tcttgagtga	88620
atgggaccac	aggcatgcgc	cagcatgcct	ggctaatttt	taaatttttt	gtacagacag	88680
ggtttgcttt	gttgcccagg	ctgggtgtga	actcctgggc	tcaagcaatc	ttctcatctt	88740
ggccccgtga	agtgtctggg	ttgtaggtct	gagccactgg	gtccagcctc	agtggctctg	88800
tttgagagca	ggaacaaaa	attactaatc	tttccggact	ttatgtcttt	atgttttatc	88860
catagtaggc	actcaaatta	atattgggta	atttgaattt	ctaacagaga	gactgaaatg	88920
caattggcca	tagagagaaa	gagatttgaa	aaagaagaag	gggtcttatc	tagtggaag	88980
aaaaaatgtt	ccccagccag	gcacgggtgg	tcattgcctgt	aatcccagca	ctttgggagg	89040
tcaaggcggg	tggatcacct	gaaatcaggg	gttcaagacc	aacctgggca	acatggtgaa	89100
accccgctct	tactaaaaat	ataaaaaatta	gccagatgtg	gtggcaggca	cctgtaatct	89160
cagctactgg	ggaggctgag	gcattgagaat	cacttgaacc	caggaggcag	aggctgcagt	89220
gagccaagat	cacaccattg	cactccagcc	tgggcaacag	agtgaagact	agtctcaaaa	89280
aaaaaaaaaa	aaaagaaaag	aaaagaaaaa	gaaaaaatgt	tccccacaaa	ataactggga	89340
aatagctgaa	ctcagaaaaa	ggttaaggag	agagaaaaat	tacagtataa	gaagatgatg	89400
agggaggctg	ggcatgggtga	cttcaggcac	tttgggaggc	tgagggtggga	ggatcacttg	89460
aggccaggag	ttcaagacca	gcctcgccaa	cagagcaaaa	ccccgtctct	atttttcttt	89520
ttttttctga	aacagagctc	cgtctatttg	cccaggctgg	agtgcagtg	ctcgatctca	89580
gctcactgca	acctccatct	cctaggttcc	agcaattctc	ctgcctcagt	ctcccaagta	89640
gctgggattt	caggcatgca	ctactatgcc	tggctaattt	ttttgtattt	ttagtagaga	89700
cggtgtctct	catttggttc	aggctggctc	caaactcccc	acctcagggt	atctgcctgc	89760
ctcagcctcc	caaagtgtct	ggattacagg	cgtgagccac	tgtgcctggc	cccgtctcta	89820
ttacaaatac	aaaaaattag	ctgggcgtgg	tggcacacac	ttgtaatccc	tgctacttgg	89880
ggggctgagg	caggaaaatt	gcttgaaccc	aggagacgga	ggttgcagtg	agccgagatc	89940
gcgccactgc	actccagcct	gggagacaca	gggagaccct	gtctcaaaga	aaaaaaaaaa	90000
aaaaaaaaaa	cgagcctggg	tgacaaagag	gctgcaagtc	ctaaagtcct	aaaagtgaga	90060
agtgttttaa	atctggttaag	gaaggcacca	gtgaagaatt	agggaggagg	tgcaagtga	90120
ctgtaagaaa	ctcgaccaag	gttatgagg	ctgtcatcct	tagttctggc	agaaaaggag	90180
cagtgtgggtg	ccaggcagag	cagctcatgt	ctataatcct	aagactttgg	gaagctgagg	90240
caggaggatc	ggatcacttg	agggcaggag	cttgagagca	gcctaggcaa	catagtgaga	90300
ccctgtctct	taaaacaaac	aggctgggca	tgggtggctca	cacttgtgat	cccagcactt	90360
tgggaggcca	aggcgggcag	atcatgaggt	caagatattg	agaccatcct	ggccaacatg	90420
gtaaaaccct	gtctctacta	aaaatacaga	aattagctag	gtgtgggtggc	gtgcgcctgt	90480
aatcccagcc	actcgggagg	ctgaggcaga	atcatttgag	ccgggaggaa	tcacttgaac	90540
ctgggagacg	gaggttgcaa	tgagcagaga	ttgctcgcca	ctgcactcca	gcctggcaac	90600
agagtaagac	tccttctcaa	aacaaacaag	caagcaaaaa	aacaaacaaa	cagaaaacaa	90660
gggtgacttt	cttttttttg	agatggagtt	tcactcttgt	tgcccaggct	ggagtgcaat	90720
ggctcgatct	cggctcattg	caacctctgc	ctcccgggtt	caagtgattt	tcctgcctca	90780
gtctcccaag	tagctgggat	tacaggtatg	tgccaccatg	cccagcta	tttttgtatt	90840
tttttttagt	agagacggag	tttctccgtg	ttggtaattg	tggtctctaa	ctccagacct	90900
caggtgatcc	gcctgccttg	ccctcccagt	gttgggatta	taggcgtgag	ccactgtgcc	90960
tggcctaata	ccaggtttgt	tttttttttt	ttttttttga	gagagtctca	ctctgtcacc	91020
tgtagctggg	actacaggca	cacactgcca	tgcccagcta	tttttttttt	gtattttttg	91080
tagagacggg	gtttcaccat	gttggccagg	atggtcttga	tctcctaacc	ttgtgattgc	91140

ccacctctgc	ctcccaaagt	gctgggattta	cagggtgtgag	ccaccgcacc	tggccaacca	91200
gatgactttt	ctaagtaact	ctactactgc	aatcagtgat	ccagttaaat	atgtggttgt	91260
ttgaaaataa	tactgtctcc	cgcccccca	aaaaatgaaa	agaataaccc	agctgtgact	91320
aagttccttg	ggaagcctct	gtgtaaccac	ccaaggggtt	taccttgccc	gctgcctagt	91380
cagagccgat	ttatcaagac	acgggaattg	caataaaaaa	taattcatgc	agagctgggt	91440
gtgcgggagg	ccagtggaa	gtcaggggtt	gtttttgttt	gtttgttttt	gttttttaggc	91500
agagtccegc	tctgttcccc	aggctggagt	gcagtggtgg	gatctcggt	cactgcaacc	91560
ttcgcttccc	gggttcaagc	tattctcatg	gctcagcctg	cctattctca	tgtctaaagc	91620
tcccaatcag	ccaggattac	aggcgctgt	cacaacgcca	ggctaatttt	tgtattttta	91680
gcagagacag	agttttgcc	tgctgggttag	gttgggtctca	aacttctgac	cttgggtgat	91740
ccaccgcct	caacctccca	aagtgtctggg	attacaggcg	tgagccaccg	tgcccgccct	91800
tgatcaggg	tttaaagaat	aatttggtgg	gtagggagg	ggggccagt	aatcaggagt	91860
gctgattggc	tggctcgga	atgaaatcag	agggagtgg	agatgttctc	ttatgctgag	91920
tcagttcctg	gggtgggggc	acagaactcg	ttggcaggtc	caggtggggc	catccagttg	91980
ttagaaatgc	aaaaaactga	aaagacatct	caaaagacag	atcttaggtt	ctcaacgctg	92040
atgttacctt	taagaatact	tgtgtattct	ctgcatttct	tcactggcca	tcagagaaat	92100
gcaaatcaaa	accacaatga	gataccatct	cacaccagtt	agaatggtag	tcattaaaaa	92160
gtcaggaaac	aatagggtgct	ggagaggatg	tggagaaata	ggaacacttt	tacactgttg	92220
gtgggactgt	aaactagttc	aaccattgtg	gaagtcggtg	tggcgattcc	tcagggatct	92280
agaactagaa	ataccatttg	acccagccat	cccattactg	ggtatatacc	caaaggacta	92340
taaatcatgc	tgctataaag	acacatgcac	acgtatgttt	attgcggcac	tattcacgat	92400
agcaaaagact	tggaaaccaac	ccaaatgtcc	aacaatgata	gactggatta	agaaaatgtg	92460
gcacatatac	accatggaat	actatgcagc	cataaaaaat	gatgagttca	tgtcctttgt	92520
agggacatgg	atgaaattgg	aaatcatcat	tctcagtaaa	ctatcacaa	gacaaaaaac	92580
caaacactgc	atgtttctac	tcataggtgg	gaattgaaca	ataagaacac	atggaacacag	92640
gaaggggaac	atcacactct	ggggactgtt	gtggggtcgg	gggagggggg	agggatagca	92700
ttggggagata	tacctaatgc	taaatgatga	gttaatgggt	gcagcacacc	agcatggcac	92760
atgtatacat	atgtaactaa	ccggcacatt	gtgcacatgt	accctaaaac	ttaaagtata	92820
atttataaaa	attacaaaaa	aaaaagaata	attgtggaag	ttgcgaatct	tacaacctct	92880
gggataacgg	ctggtaatat	ttagaatttc	agccctctc	attctaactt	ggtggctgg	92940
ggccttttat	tcatttcaca	aggacagttt	agctttgagg	agggctattt	atttaactta	93000
taaactaaat	tccttctctaa	ggctagttgg	ggctatgcc	agtaatggac	aaggagagtt	93060
cagagattag	aggcaagata	gagttagtta	gagctgatgt	ctttcacttg	tcataatttc	93120
cttagtcgcc	gggcgcagtg	gctcacgcct	gtaatcccag	cactttggga	ggccgaggcg	93180
ggcgatcac	gaggtcagga	gatcaagacc	atcccggtca	aaacggtgaa	accccgctct	93240
tactaaaaat	acaaaaaatt	agccggcgct	agtggcgggc	gcctgtagtc	ccagctactt	93300
gggaggctga	ggcaggagaa	tggcgtgaac	ccgggagggc	gagcttcgag	tgagccagta	93360
ttccgccact	gcactccagc	ctgggcgaca	gagcgagact	cgctctcaaa	aaaaaaaaaa	93420
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaatt	tccttagtca	taactttgca	aaggcagttt	93480
catttgttct	tttgaagcca	attcccatac	tctcttgcac	ccaaacaaat	acaactccaa	93540
agacattgac	actaagcttt	atttaataac	ctttaactgc	aatggcattt	ttctctctcc	93600
tttttttttt	gttatccagt	taggttcctt	ctattcttta	ttttcttatc	tagagaaatt	93660
tggcaactgt	ctgtaagttc	agatcttgaa	cagtaagatt	tctaaaaat	aaaattccct	93720
tgaatcaatg	attgatttgc	ctaataaata	tgaattctg	gtggggagg	aaaaaggaaa	93780
ggtaactatg	ggagcttgct	gggagtttaa	ttgttgaaaa	agtctcattc	aagatccat	93840
ttcctattct	gatcacatgt	ctctattctt	tctcagagca	caaatgcttg	tcctatatta	93900
aaagtggctg	tgggccaggc	gcagtggcac	acacttgtaa	tcccagcact	ttgggaggcc	93960
aaggcaggca	gatcacccga	ggtcaggggt	ttgagatcag	cctggccaac	atggtgaaat	94020
cccatctcta	ctaaaaaatac	aaaaaattag	ttgggcgtgc	tgatgggcac	ctgtaatccc	94080
agctactttg	gaggtctagg	caggagaatc	gcttgaaccc	gggaggcgga	ggttgcagtg	94140
agccgagatg	gcgccactgc	actccagccc	agcgacagtg	cgagacaccg	tctcaaaaaa	94200
aatggctgat	tgtctgaagg	tagtgagtta	tctcaattga	ttgttcatgg	tcagttacag	94260
atggaactcc	ttgttctact	gttttccctg	ttgtcactac	tgcaacttgac	tagtatatac	94320
atatatatatt	ttaaaaagtg	gctgtgggca	taattaaatt	ttaaatggaa	gagccacag	94380
agaaaatgat	ctctaattgt	aaaggaaacca	gaatttttgt	tgttgttctt	cattattcaa	94440
cttgaagaaa	ccagaatttt	gtagtgaaaa	cacaaaacaa	ggctgggcaa	ggtggttcac	94500
gcctgtaatc	ccagcacttt	gggaggctaa	cgccagcgaa	tcacctgagg	tcaggagttt	94560
gagaccagcc	tgaccaacat					

gtgttggtgc	ttgcagaggc	cttgtgtaac	tgggttggatg	actgtttctc	ttttttgttt	95280
tgagaagtgt	ctcactgccg	tcgcccaggc	tggagtgtag	tggcacaatc	acggatcact	95340
gcagactcga	actccccggc	tcaggtgatt	ctccccgtgc	agccagcccc	tggagttagct	95400
gggaccacag	gcacgtgccca	ccaagcccg	ctaattttgt	cttgtttttg	tttttttgga	95460
tggagtttcg	ctcttgttgc	ccaggctgga	gtgcaatggc	gcgatctagg	ctcaccgcaa	95520
cctctgcctc	ccagggtcaa	gccattcttc	tgcctcagcc	ttcccagtag	ctggaattat	95580
aggcatgcac	caccacgccc	agttaatttt	atttgtattt	ttagtagaga	tggggtttct	95640
ccatgttggt	caggctggtc	tcaaaactcct	gacctcaggt	gatccccccg	ccttggcctc	95700
ccaaagtgt	ggtgttactg	gtgggtcttt	gttcttagag	ctcccaagat	ggtgggtggc	95760
cactcccaa	atggtggcgg	ctgctcccag	gatggcagca	agcctttcgt	tctctgacct	95820
ggggttcttg	gcctcacgga	tttcaaggaa	tgggaccttg	ggccatgcag	tgagtgttat	95880
agctctttta	gaagtcgtgg	gtcacggaag	agaaccgtgg	aacccagcga	ctagtgttca	95940
gcttgattag	gaccaaccgg	ggcacttagc	cgcacaggaa	caatggcgag	cctctagccc	96000
aaacaggagc	ggcaatgggc	acctcgctgg	atcagaaacg	caggggacac	cctgccggat	96060
ccagaggggt	ggaagtcaac	ggcgggtctg	caacagcggc	gaacagcagt	ggtggacggt	96120
gagcgaaaagc	tcagctccag	gtggaagagt	gtgcagctgc	aagatttaaat	agagtgaaaa	96180
cagctcccat	acagtgggcg	gggacccaaa	gggggttgcc	cactcccggc	tggaatgcct	96240
ggggtttata	tcccaatcat	tgtccctccc	cctgtgctct	cagatgatag	atgatttgac	96300
tatttcttta	cctcttgctt	ttagcttaaat	tgggtgtttta	gtgagccctt	tttactacct	96360
gattggtcag	gtgtgagctg	agttacaagc	cccatgttta	agggtgggtg	cgggtcccctt	96420
ccccaggtag	gttttaggaat	tcttagtcgc	cccaggaaat	ccgctactct	tgtctctcac	96480
tgggattaca	ggcgtgagcc	accgcgcca	gccaattttg	gtattttttg	tagagccagg	96540
gtttcgccat	gttgcccagg	ctgggactga	atcttttagag	ctgcactcat	gattaaaaaac	96600
cgtgtgccag	gcgttggtgg	tcacgcctgt	aatcccagca	ctttgggagg	ctgaggcggg	96660
gggatcacga	ggtcagaaga	tcgagaccat	cctggctaac	acggtgaaac	cccgtctcta	96720
ctgaaaatac	aacaaattag	ccaggcgtgg	tggcggggcg	ctgtagtccc	agctactagg	96780
gaggctgagg	caggagaatg	gcgtgaaccc	gggaggtgga	gcttgcagtg	agccgagatc	96840
gcaccactgc	actccagcct	gggtgacaga	gcaagactct	gtctcaaaaa	aaaaaaaaaaa	96900
aaaaaaaaaaa	aaaagctacc	ggaagcacag	cgaggatgtc	cttgacacac	atcctatttt	96960
ctgggaaaaa	attactacca	cagtaattga	gctgtgaagc	ggagacaaat	tgtctcgggt	97020
gggtggtcaa	agtactgcaa	ttgactggaa	tagcacccgc	cagttttcct	tcctctcggt	97080
caagataaga	gtgataggag	ctgtatcgat	tacctgcaag	atagaagtag	aagcggggcg	97140
ggtgcggtgg	ctcacgcctg	taatcccagc	actttgggag	gctgaggcgg	gtggatcatt	97200
cgacgtcagg	agttccagac	cagcctgacc	aacatgggtga	aaccccgctc	ctactaaaaa	97260
tacaacaaat	tagccgggtg	tgggtggcaag	cgcctgtaat	cccagctact	cgggttgggtg	97320
ggcaggagaa	tcgcttgaac	ccgggaggcg	gaggttgacg	tgagccgaga	tcgcgccatt	97380
gcactccagc	ctgggcgaca	agagcgagac	tctgtctcaa	aaaaaaaaaaa	aaaagaagta	97440
gaaggggaaga	aaatcgcaag	gaactagact	aaaagaatct	cgacccttga	atggagtac	97500
acgaacggcc	agatgaaaga	aggaaggccc	ggacctccac	tcaggggcga	ctaggggact	97560
ggcggagggg	gcacgctgat	ggatttactc	accgggtgct	tggagctcca	gcagctggct	97620
ggagcccgcg	atgacgtcac	ggactcgggt	cacatggcca	agtccgcccc	gccccctccc	97680
cgtccccgcc	gctgcagcgg	tcgccttcgg	agcgaagggt	accgacccgg	cagaagctcg	97740
gagctctcgg	ggtatcgagg	aggcaggccc	gcgggcgcac	ggcgagcgg	gccgggagcc	97800
ggagcggcgg	aggagcggc	agcagcggc	cgcggggctc	caggcgaggc	ggctcgacgc	97860
cctgaaaact	tgcgcgcgcg	ctcgcgccac	tgcgcgccga	gcgatgaaga	tggctcgcgc	97920
ctggacgcgg	ttctactcca	acagctgctg	cttgtgctgc	catgtccgca	ccggcaccat	97980
cctgctcggc	gtctggtatc	tgggtgagcg	ggcgcgcccg	gcccgggacc	ctgcgttgct	98040
tccgcgcccc	tagctgggct	tctggcccg	cctcgcgggt	gggtgaggcg	tgcgctcatc	98100
cgcctaaagt	tgtattatta	gaaacttaat	tctccgggtg	ccgcgtccgc	acttcccccg	98160
gctgggccag	cgccgactgg	gggaggccag	gagtttgggg	cgatggggga	ggccaggggc	98220
gcggggcgga	ggggcgact	cgacccttgg	gcgccagggt	gtgtgggtcg	ccgatctcca	98280
gcctccgcgc	agccccgcgg	cctcgcgtag	ggcgcaccgg	ggcagacaaa	ctgagcttat	98340
ctgccgagca	cgtgtttcct	ttcttcttaa	agcccggtgg	ctttgtgttt	cgacggctgc	98400
ggacggagcg	gtcgcggagg	tgacggcgca	tattttgcag	ctctgtgggt	aggggtgcgg	98460
atttgtcaat	gctcgtttct	cctggccgcg	tctccgctag	ggtggcctgc	gctttcacgc	98520
cgctgcacgt	tcggatcccc	agttgaagt	gttgggagtt	cttggcatcc	tcttgtgaat	98580
gggtcccccc	cccgatgttt	taaagccctt	actccaggaa	gggatgtgag	tgtgatttac	98640
tgcgtttcca	tctgcccggg	gaagccattt	tccaccacaa	tttttctctg	ccgtggacag	98700
ttggtcttca	gaccttttct	tgacagactc	agcgggcaaa	tctggcattt	tttttctctg	98760
ttggaacttt	tgaagtcttt	ttttgtatga	ggagcagtga	ttttcagagc	tagtgaggaa	98820
acctgatgga	gtcttgcccc	cacctgccct	gcgttggttg	gtggcaccct	tagactgcac	98880
cagcactgag	tcggattccg	ctgcattttg	ggttttgtga	catcatgatg	gagagttaga	98940
ccagagttgc	tttgcagtga	ataccactgc	atcgcgagaa	aatgccctga	aaatggtaga	99000
caaatagcat	tttcaacttt	tttcagttag	gttttttttt	tttttttttt	ttttttttga	99060
gacagagtct	cactctgtgg	cccgggctgg	agtgcattgg	catgatctct	gctcactgca	99120
gccttcgcct	cccaggttca	agcgattctc	cttctcagc	ttcccagtag	gctgggattg	99180
caggcgcccc	ccactatgcc	tagctaattt	tttgtatttt	tagtagagac	agggtttcac	99240
catgttgggc	aggctggctc	cgaactgctg	acctcgtgat	tcgcccgcct	tggactccca	99300

BNSDOCID: <XP 2372233A 1>
 him/hic/encat/fk/er/enin/cni-hin/wnetz?-vn+2+-e+lemhl-id:AP0033571

aggtctggtct	tgaactcctg	acctcaggtg	atccgccgcg	ctcgccctcc	cacagtgtg	103440
ggattacagg	cgtgagccac	cgtgcccggc	aaaattcaca	gttaaagtga	gtttattgag	103500
ttgacaaatg	cctctgtaat	gtaaccacac	ttccttgaga	acatttccaa	actttcagca	103560
agttcccttg	tgctgtttcc	cagttaatcc	ctgccatata	cccaatcact	gtaggtaagt	103620
tttgcttatt	catgtaaaa	ggaattatgc	tgtgtgtacc	cttctgtatc	tagcttcttt	103680
cacttagcat	aactctttt	agattcattc	atcttcttgg	agtgtgtgct	tttattgtctg	103740
agtattgttt	tatttgtatt	aataataccac	aatttcttta	tccatttgcc	agatattgga	103800
catttggggt	atttccaa	tggggctatt	ataaataaag	ctgcactgaa	cattcttgca	103860
caagactttg	gggactttt	ttttttttt	tgagacagag	tttagctctt	gttgcccagg	103920
ctggagtga	atggtgcgat	ctcggtcac	cgcaacctcc	gactcccagg	ttcaagcaat	103980
tctcctgcct	cagcctccct	agtagctggg	attacaggca	tgcgccacca	cacctgttta	104040
atthttgtatt	tttagtagat	aacaggattt	ctccatggtg	gtcaggctgg	tctcgaactc	104100
ccgacctctg	gtgactctgt	ccccccagcc	tcccaaagtg	ctgggattac	aggcctgagc	104160
caccatgccc	agctttttt	ttttttttt	ttttttttt	gtgacaagat	ctcactctat	104220
tgcccaggct	ggagtggctc	aatgcagcct	tgtcttccct	ggctcaagca	gccttgccat	104280
ttcagcctcc	caagtagctg	ggactacagg	ctcacaccac	cactccacac	cactccaggc	104340
ttttgttttt	gagacagagc	ctcactctgt	tgtccaggct	ggagtgcagt	ggcgcagctc	104400
cagctcactg	caacgtctgc	ctcccggtt	caagcgattc	tctgcctca	gtctcctgag	104460
tagctgggtac	tacaggcatg	cgccaccatc	cctggcta	tttttat	tggtagagac	104520
ggggcttcac	catgttggtc	aggtctgtct	cgaactcctg	acctcctgat	ccacctgctt	104580
cggctccca	aagtgtctgg	attacggcgg	tgagccacct	tccccagct	ttttttttt	104640
ctgagacgga	gtctcgctct	tgttgcccag	gctggagtgc	agtgggtgcag	tctcggtcca	104700
ctgcagcctc	cgctcttgg	gttcaagtga	ttctcctgct	tcagcctcca	aagtagctgg	104760
gattgcaggc	atgcaccacc	atacctggct	aattttgtat	tttatttatt	tatttattta	104820
tttatttatt	tatttattta	ttttttagta	gagacggggt	ttctccatgt	tagtcaagct	104880
ggtctcaaac	tcccgacctc	agggtgatctg	ccgcctttg	cctcccaaag	tgttgggatt	104940
acaagtgtga	gccaccgcgc	cgggcctttt	ttttttttt	tttttaaata	tcttgttcca	105000
gttatttttt	aggaacttag	acacagcaaa	tatatacca	atgcctctgt	gccagacact	105060
gttcacaggg	tagttagcca	tatatcagat	tataaaggat	aaaagaggtc	agagttagctg	105120
cttcattggc	tttatgacct	ggtctttctt	tttaattttc	tttctttctt	tttcttttgt	105180
tttttaatta	tactttaagt	tctgggat	aagtgcagac	ctggtctttc	aaagaatcca	105240
cttgttcaca	tagaaactca	cagtttccct	gtttactcaa	gtaaaggaaa	ccagaatatc	105300
tcaccaaaa	tataacctctt	tggtatat	caagatagta	ttagagaaa	tgcaacaag	105360
aatagctctg	aaaagctgct	gtttgtggag	atttgcatct	ttagggaaaa	tctgcattag	105420
tgaaataaac	agccaggctt	tctctgagca	cacctccca	ccccatccc	catgttcaga	105480
ccttggaag	attaaccgag	agattgagag	tctgacacct	ttgaaggctc	aatagagaag	105540
ttaccacat	accacaggct	accaagtatc	ttttctcaag	ccttctacct	gtgggggtctc	105600
atttgcataa	caagaccacc	ttccctagcc	aggcctttcc	gtccctccct	cccataacct	105660
gttttgccgt	gacttaaac	cctattcttt	ctgtaacttc	agaaagacat	taaaacttaa	105720
accatctggc	ccttcccttg	agttttctta	ttctgtgac	tcccacgtat	gcgtgtgcac	105780
gtaatacatt	tgtatgccgt	ttcttgctgt	tgatctatta	tcagtttgtt	tattagactc	105840
aaatgatcaa	accttcagaa	gttgtagaag	ggggagaatt	ttcttcaccc	cttcacaagc	105900
ctgatagatt	ttctttgtat	tctgagaagt	tcaacaacta	ttgatttgtc	tgagtacagg	105960
atagtaagac	caacatcctg	tatttgtaga	gtgattgata	gcttccggtg	ggcattcaca	106020
tttgttctta	tttagacctc	aaagcaacct	tgggtcacgc	atgatagggtg	gtgatattgt	106080
cttttaagat	taatagcttc	tttccaactg	tcagattctg	tgacttgccc	cgtaatttca	106140
ggatagaata	acggactgat	ttgtggcaat	tgtgtcatct	tatttgcttg	gtgttttccc	106200
cactatgtta	gattgtaaaa	gactaaatag	taggcta	agtttggatt	ttattctgta	106260
ggcagtggg	aaccattgaa	gaattatgaa	caggagcgat	atgatgaaag	cagttttttt	106320
tggttgttgt	ttttgttttg	ttttgtttt	tgagacggag	tctcgctctg	tcacccaggc	106380
tggagtgcag	tgggtgggat	tccactcact	gcaagctctg	cctcccggtt	tcaagccatt	106440
cttctgcctc	agcctctcga	gtagctggga	ctacaggcgc	ccaccaccac	accccgtga	106500
tttttattt	tttaatagag	atgaggtttc	aacgtggtag	ccaggatgat	ctcaatctcc	106560
tgacttcgtg	atctgccac	ctcagcctcc	caaagtgttg	ggattacagg	catgagccac	106620
cacgcctggc	caatgaaagc	agtttttaag	ttagattaaa	atggcaggct	gtttcagatg	106680
gctggaaaa	caggcagtat	gttatatata	gctctctaga	tacaaactat	agtgggtatc	106740
agctcttagt	ggtatgaata	agatggatag	gaatttt			

15-03-2006

agctgggatt	acaggcatgc	accatcatac	ctggctaatt	ttttttgtat	tttttagtaga	111600
gatgggattt	ctccatggtg	gtcaggctgg	tctcgaactc	ctgacctcag	gtgatctgccc	111660
tgccctcgccc	tcccaaaagt	ctgggattac	aggcatgagc	caccttgccc	ggccctcttt	111720
ccaccttttt	gtaccatta	acctctgccc	ctgctactcc	ccactacctc	tcccagcctc	111780
tggttaacat	ccttctactc	tctagctacg	tgagttcaat	ggtttaaagt	tttagctccc	111840
acaaatatgt	gaaaacatgc	aaagtttggg	ttcctgtgcc	tggtttat	cactttacat	111900
aatgacctcc	agttccatcc	atgttgttgc	aaatgacaag	atctcattat	ggctgaatag	111960
tactccattc	tgtatatgta	acacagtttc	tttatccatt	cacctgttga	cagacattta	112020
ggttgcttac	aaatcttggc	tattgtgaat	agtgtctgag	taaaatggga	gtgcagctat	112080
tttttttttg	ataagcttat	ttcctttctt	ttgagtatat	acctaggtgt	gggattgtctg	112140
cattgtatga	tagctctatt	tttagttttt	tgaggaaacct	ccaaactggt	ctccatagtg	112200
gttgatataat	tttttttttt	tttttagaca	gagttctact	ctgtcgccag	gctggagtag	112260
agtggcgtga	tcctggctca	ctgcaacctc	cacctcctgg	gttcaagcaa	ttctcctgcc	112320
tcagcttcc	gagtagctgg	gactaaaggc	acataccacc	atgcctggct	aattttttgta	112380
tttttagtag	agatggagtt	tcactatggt	ggccaggctg	gtctcgaact	cccagacctg	112440
tgatctgccc	gcctcactct	cctaaagtgc	tgggatccag	gcatgagcca	ccgtgcctgg	112500
ccttaatttt	tgtattttta	gtggaaatgg	ggtttcacca	cattggccag	ggtagtctca	112560
aactctgat	ctcaagtatt	ctgcccgcct	cagttctca	aagtgttga	ctatgggctg	112620
gagccactgc	gcccagctgg	ttttgtgttt	tgagacaaag	ttggctctta	ttgcccaggc	112680
tgagtgagc	tggcacagtc	ttggctcacc	gcaactttcg	cctcctgggt	tcaagcagtt	112740
ctcgtgtctc	aacttcccga	gtagctggga	ttacaggtgt	gtgccactga	gcccgtccta	112800
gctttttgtt	tttttgagac	aggggtctca	ctttattttcc	caggttggag	tgcagtgggtg	112860
caatcacgcc	tcattgcaac	ctcggaacct	tcagctcaag	tagttttccc	acctcagcct	112920
cccagtagc	tgggaccaca	ggcacacacc	acaccagctg	attttttaca	attattgttt	112980
gtagaaacag	ggtcttgctt	gtttgcccag	tctggtctcg	agcttctggg	ttcaagcgag	113040
ccacttgcc	tggtctccca	aagtgtctgg	attacaggca	tgagccacca	tgccctgggtg	113100
atactttttt	gtgcacagag	tttaggtctc	cattgtccat	cctgaactcg	gctctgggct	113160
gggcctctct	cttcatattc	aaatatttaa	aatgttcttt	aagacatgaa	agggagcaca	113220
gtcattttct	gcctccacac	cctgtccctc	catgtctccc	agtaggtctt	tgccctctct	113280
ggggggccat	ctttgccttc	tgtccattgt	ctagacatcc	ttcttggtta	ttacgtgcac	113340
cctgtgttct	ttgagtacgt	aatgggtgtc	tagcctgaga	atgaacacca	gaaccgactg	113400
aagttcactc	agagaaattg	ggattgcttc	tgctggtgtg	gcagatcggt	ttgcacgcta	113460
gccccttgtc	agattgggag	tgctgtctgg	agcactccct	tgaaagggaat	tttgagcttg	113520
ctgccaggga	ttgggttagc	agagttggcc	agggcctgtg	aatgggggtgt	gggtggcttct	113580
tgggagggaac	ctgggttact	ggtaagagcg	tatatggcat	ttgtaataca	agcaccaaca	113640
attgaatgtc	agttgaaaac	tttatgcacc	tgtattttat	gaacatggta	tgtgcatatt	113700
tccttgaaagt	ctgagtcctc	atctgtagaa	tggtgtagta	atgatcagac	ttgataggga	113760
ggcagcactg	tttttataat	ataaaatggg	gcataatggg	atgggtggtt	cttagtttag	113820
ttcatcacct	atgaggaaga	cgtcctaaaa	ggatgggtact	gttgactgaa	ctgggtgaatc	113880
agaaagacct	ggttgaattt	gggggggaaa	acttccataa	tataataaaa	aattatatct	113940
gttgaaatga	ggctctaata	aaagatacaa	catccatttt	actccttaaa	ctttttccct	114000
cagagtctat	aaccaaaagag	accatccctt	gacttagaag	ttcagcaact	tacaacatgg	114060
ccgccattat	agtccaactc	caaggattgc	caagagtggc	tcatttttct	gcttgtgtgc	114120
tgtagagttt	ttcttaacag	ttggttcttt	tttattttta	tttttttgat	acaagatcac	114180
agtttgtcac	ccaggctgga	gtgcagtggc	accatctcca	ctcactacat	ccttgacctc	114240
ctgggctcca	ggtccctgcc	accccagctc	cccaggcagc	tgggactaca	ggtgcgagcc	114300
accacaacca	gctaattatt	tgtatttttt	gtagatatgg	gtttcaccat	gttgttcagg	114360
ctgggtctcaa	actcctgagc	tcaaatgata	cacctccctt	ggcctcccaa	agtgtctggga	114420
ttacaggtgt	gagccgcctg	gcctagccta	acagtcgaat	ttttttttat	tttttatttt	114480
tttccctttt	tgagactaaa	tctctctctg	tagegcaggc	tgcattgcag	tggcacgatc	114540
tcggctcact	gcaacctctg	cctcaacctg	ccaagtgtat	cttctgtttc	agcctcccaa	114600
gtagctggga	ttacaggctc	ctggcaccac	acgtggctgt	tttgtatttt	tagtagagag	114660
aggatttcac	catgttggcc	aggctggttt	cgaactcctg	acctcaagtg	atccgcccctc	114720
ctcagtcctc	caaagtgtctg	ggattacagg	cgtgagccat	tgcgcccagc	ataacagtca	114780
attagtcact	taatctgata	ccctaaaatt	gtttgtgtct	taatttttct	ctctcaggat	114840
gtttaggtct	gttactttct	ggtgttaata	gtgtcacctc	agaaatcata	caaaggatac	114900
aacagatttg	aaaataataa	ctagaaactc	tagaatgaaa	aaaaaatact	gttgttgata	114960
aggtaacaga	atttgtgttc	actctgaata	gaacatccaa	tttatttttt	tccccactag	115020
ataataggct	gccttgaggg	ctttgccata	atatatatgt	gatgcttagc	atttgtcctg	115080
gcataatatt	gtggcacaa	agattaattt	ttgaataact	gaatgaatga	gttaatgaat	115140
gttatagcgt	ttattctaca	ttttacttgg	ctgttgatgt	atgtttcttc	cactggacta	115200
atgttgggca	cagggaccgt	gtcttttttt	taaaccattt	ttctgttcag	aaaaaaaaag	115260
gtttagctcg	ccccagcac	tcatttaatt	ttgtataaac	accctatgag	gctgaagcaa	115320
atctgagtga	ttttcattgt	aaaataaaa	aaaaattgtt	cttggaatta	tttctaataca	115380
gaatatcagt	attgtctatt	tcagaaaaat	cggattgttc	aaatgaatct	tcggccaaca	115440
gctgttcaag	agtgtgtca	acatcatcca	taggaatgct	gtttttagg	atttgacact	115500
tcagcgatag	agaattagta	tattttgtac	atggaaatac	caccattaaa	aatgaatgct	115560
gtaaacagaa	tgtctatcgt	ttcccaaatt	gatatactag	aagaatgtga	aaataataat	115620

aaagacgaag	tttttgtggc	aaacttatct	caggataaac	actgcagctg	ctagggctgc	115680
tggcaagtat	tcttgggact	aatgggacaa	gggttaagag	ttgggggtct	tgctctgtcg	115740
ccagggtgg	ggagcagtg	caccatcata	gctcactgca	gccttgaact	catgggctca	115800
agaattaact	ctcacccccag	cctgccaagt	agctaggact	gcaggcatac	accaccaaac	115860
ccagctaatt	gttttttgtt	ttttgttttt	tttgacagaa	tcttgctctg	ttgccccaggc	115920
tggaatgcaa	ttggtgcagtc	ttgctcact	gcagcctctg	ccttctgggt	tcaaactggt	115980
ctcctgctc	agcctcccaa	gtagctggga	ttaccagcac	ctgccatcac	accctggctaa	116040
tttttgtatt	tttagtagag	atgaggtttc	accatgttag	ccaggctgat	cttgaactcc	116100
tgagctcagg	tgaaccgccc	gccttggcct	cccaaagtgg	tgggattaca	ggtgtgagcc	116160
actgcaccgc	gcccaaacct	agctaattta	aaatttttta	ataaatataa	aaatttagctc	116220
atcttgaact	tttggcctct	agcagtcctc	ccacttcage	ctccgaaagt	gctgggattg	116280
caagcgtgaa	ccaccatgac	cagcttggga	ccatgtctta	atcatttttg	tacaaccag	116340
tttcaatcag	aatgttggc	acatatgagg	tgaactaata	ttagtgaatt	tcttaggcaa	116400
ataggatttt	acaataaatic	taatttcccc	ccagaatata	tttaccatat	ttatttgaat	116460
tgaataaaca	agcatgggaa	gaagtttatt	ttgatatcag	aacaggacca	tagtgagaagt	116520
ctgattgaaa	cttccctttg	atltgcccatt	tgaatttgag	tccaaatgag	aggcatacct	116580
gccatttaata	gctttttatt	tatttttaatt	ttattttatt	atlttgagat	ggagtctcgc	116640
tctgtcaccc	acgctggagt	gcaatggcgt	gatcttggct	cactgcaacc	tccacctccc	116700
atgttcaagt	gattctcctg	cctcagcctc	ctgagtagct	gggattacag	gcacccgcca	116760
ccatgccccg	ctaatttttg	tatttttaag	agacaagggt	tgacctagtt	gtgcaggttg	116820
gtctcaaaact	cctgacctca	ggtgatccac	ctgcctcagc	ctcccaaagt	gctgcagttta	116880
caggcgtgag	ccgccatgcc	cagccccatt	aataactttt	agaaaaaatt	tccaaataact	116940
ggaatataga	aattagccaa	gtatcagaaa	acagcaaate	agattataat	gtttattttat	117000
tattattttt	tgagacagaa	tctcactttg	tcactcagag	tgcagtgtgg	tagcatgatc	117060
atagctcact	ggagccgcaa	cctcctgagc	ttaggcaate	tacctgcgtc	agcctccaga	117120
gtagctggga	ccacaggtgc	ctaccaccac	acctggctaa	atattattat	tatttgtctc	117180
attatgttgc	ccaggctagt	cttgaactcc	tggtctcagt	ggactcctac	tcttcagcct	117240
gtcaaaaaatt	gctgggatta	caggagtaag	ccaccacac	ctggcctatt	ttttaaattg	117300
tgaatcattt	ttactgatta	ttgtacgttt	acataaaaagg	acgtaaaata	taaacagcta	117360
agctatcact	aagcaaagac	ccctgtatct	tatcactcaa	gactttctat	taatggtttg	117420
ccgtagagtt	tatatatctt	tgacttttaa	gaaagtctaa	cactggctgg	gcgtgggtggc	117480
tcacacctgt	aatcccagca	tcttgggggg	ctgaggtggg	tggatcgctt	gaggtcagga	117540
gtttgagacc	agcctggcca	acatggtgaa	acctgtctc	tactaaaaat	agaaaaatta	117600
gctgagtggt	gtggcacttg	cctgtagtcc	cagctactct	ggaggctgag	gtgggagaat	117660
tgcttgaacc	ccagaggccg	agattgcccc	actgcactcc	agcctcagcg	acaaagtgag	117720
actctgtctt	taaaaaaaaa	aaaaaaaaaa	aaagatctaa	cactaattgg	tacttttgat	117780
ctcttcctag	acaatgcaag	gaccttagct	tagttcattt	ccaatcacac	ctcctcttga	117840
ttattttgct	gtttttccca	ctcacctttg	ttgcccaggc	tggagtgcag	aggcgcagtc	117900
ttagcttacc	gcagctcaca	cctcccgggc	tcaagcgatc	ctcttgctct	ggccccccca	117960
gtagctggga	ctacaggcat	gcgccaccct	atccgtttag	tttttgtgtg	ttttggtaga	118020
gatggggatt	caccgtgttg	gccaggctgg	tctccgattc	ctgacctcaa	gtgatctacc	118080
tgcttcgagc	tcccaaagtg	ctgggattat	aagcaccagc	cagttatttc	ttgattatat	118140
gctaacaat	gagtggaata	ttcatgagtc	taatttttat	ggagatggag	tcttactatg	118200
ttgtccagc	tgatctcctg	gactcaagca	gtcactcctg	ctgggcttcc	ttaagtgttg	118260
ggattacaag	tatgagccac	tgtgcttctc	cggatccttg	aattaatatt	atltcactct	118320
gagttttctc	ccttgttata	tctatttcca	ggtttgattt	gaatgcctgg	acagatttgt	118380
ttattattga	tcattgtctt	agcatgttag	ttgttatttt	atgcttacat	tatgcttaca	118440
ttagacaatt	tgggggaaaa	aaggacctag	tttataatca	ttgtatgttg	tagtgctttt	118500
tacctatgat	ttatacatgt	gagcacatta	cagatagaaa	tgtccgggca	cgtccggggcg	118560
cagtgactca	ttcctgtaat	cccagcactt	tgggaggctg	tgggtgggcag	atcacctgag	118620
ctcaggaggt	cgagaccagt	ctggccaaca	tggtaaaacc	ccttctctac	taaaaataca	118680
aaaaattagct	ggatgtggta	gccggcactt	gtaattccag	ctactcagga	ggctgaggca	118740
ggagattcgc	ttgaaccacg	gaggcagagg	ttgcagtgag	ctgagattgt	gccattgcac	118800
tccagcttgc	gtgacagagt	gagactctat	ctcaataaat	aaataaatct	caataaataa	118860
taaaaataaag	aatggccgg	gtacaatggc	tcatgcttgt	gatcccagca	ctttggggagg	118920
cttctgtggg	agcatcgctt	aaaccacagga	gtttgagacc	aggctcagta	atatagttag	118980
atcctgtctc	aaataaaaaa	ctag				

ctttgaattc	ctggaacata	ttcaggggcc	taacaccact	ttagaaattg	gacagaagtt	119760
ggattttatt	acatgtggaa	gtaatcattg	ttaagaacaa	ggaaaaatat	gtgacatcac	119820
aggatcagtt	tgtaaataga	acaggaacag	tttgctcata	acataaaaaa	acagacaatg	119880
aaaacccaaa	tataagttag	cattagctga	attagagcat	aagtgtgtcc	cctcttttgc	119940
atttagatca	actgtgggca	ttatgtattc	tgctcctggc	aagcctgagc	gtcgtcttgg	120000
ttctcatttg	tgggtgttta	ttcttgggta	gaatggatga	ttgagtgatt	gccattttcg	120060
ctctttcagg	aagtctttac	ccagtgttgt	tggggctttg	actcatgttt	gaccttttct	120120
atctgtctgg	gttttagtagc	taccatggct	aatcctaccc	ccaacccctt	tgcacagaca	120180
taggtcctca	tggctcccca	ttttctattc	acatcattca	tgggtgtgcca	gattcccatc	120240
caacaattga	ggttttatat	aataataata	cagtagatat	gtgggtggttc	acagaccttc	120300
ttatatattg	aaaattccac	actgattaaa	agtcacagtg	gtgagtcatt	tgtgatgtgt	120360
aatgagctta	cctgtcatat	ctttgtttta	tctgtgtccc	ctctatctgg	acggcctcgc	120420
gaagaaccag	ggcacctgga	cagggacttg	gtcccccgag	agaaagaaca	cagggctaga	120480
ggtagagtgg	gtgataatag	ttactgcagc	atztatgaca	ctggcagggt	taggacctag	120540
gacccactct	ggagtaagaa	ggacacactg	agccagcagc	caggactctg	ttgtcagata	120600
ccatgtgatg	tgttacagag	atggagcagg	agagggcaga	aaggcatgta	agtatctgac	120660
agcatcaggc	tgtcagaact	ccagttagcaa	acagaaaaac	agggcacaca	tgaataccac	120720
agggcaagta	caaagtcaag	ggtagaggc	cagatggata	agctaaaaat	aggattatct	120780
ggacatcctg	cagtactttc	agcacagtgt	atctaaatc	gacgtcgtca	tagtccttcc	120840
actgaccttt	tccatttctg	ataatgacaa	gatacatcct	gtcaccaggc	ttgaagtctt	120900
aggctctctt	tgcttctttt	tctgtgttct	ttgctttag	tcagttactg	tatctctagt	120960
aattctgcct	ccatgtggaa	aggctctggg	gttccaacct	tggctctccc	acacataggc	121020
cctaagataa	agtcactaaa	cctcaccacc	taacatggaa	gaagaccatc	tcacagggtt	121080
gtcatgagaa	tggagatga	aatgccctat	tacttcttag	ccagactatt	gtagggtgtt	121140
ccagggtcaa	aggagaaaaa	ttacaacaat	ttagttttaa	gatcttaatt	ggctttctag	121200
aattgggcaa	cacttcatct	cataaaatag	agtatcctgt	gagctaagca	gaggagcttg	121260
gctttttaga	gagaaatggg	ctgaagaaac	cagaaacaaa	gaactaaaag	cagatgagtc	121320
gtttcaaagg	gacttttctt	ttaaggcagg	ggcaggaaga	cagaacaata	caaaaaatac	121380
atgggttagca	tcagggtgact	tcagggttatc	tgaacctgag	cacggtgact	gcattttggg	121440
ttgtagtcta	gtatgttgag	gccctattgt	gcaggagctc	aatctgcaac	aatggccgcc	121500
tataattttt	atttgacacc	agattggatt	cctgcctcta	atttagcctt	cccacttctg	121560
ccagtttggt	ctttctaaaca	acatagctct	gatcatgtca	tatccttctc	caaaaacctt	121620
atggcatttt	cattaactat	tagaattcct	gtcctagttt	cgaggcctct	tcaccacctg	121680
gccccatcct	acatttttgg	ttctatcctc	taacatttcc	ttttataccc	cctgaccttg	121740
gcgttccagc	cacattgaac	ttgctgtctt	gaggagatgt	ccttgtctca	gtggcattgc	121800
tcatacttgg	aattgttctt	ttccacacct	ctcaggctcc	aatcttcat	cttttgagtt	121860
cctgttcaaa	tgctcccatc	tctgttgcag	gtccctgcaa	cccctgactg	taactctcct	121920
taacttccat	gattctttct	cggagctctt	gtcacattca	ttgctttatg	ctttttgttt	121980
tttgggtaca	tgatgtattt	aacttcatgt	tctgagtcct	agggagtctt	tcctaagcac	122040
ttagcaataa	tgtgttgtag	gcaattagta	gctatatatg	atcagtagac	tcacaggggg	122100
aataataagc	ggattaaagag	ttgacagggt	cctaggggact	gagagtgcgg	ggaaagcaca	122160
ggcgtaaagc	aggtgtctta	acactggctt	tagaagatct	agaaaaactag	taaccaagag	122220
cttttaacat	ggttcttgtt	aagatgtgaa	gaggtaagat	aactaatttg	agtggctatt	122280
ttatgcccag	ccagggtcta	ggatttttat	gtatattcac	tcatttgaac	tctggccaga	122340
tgacattctt	cccttctgta	atattacccc	ttgacctctt	tttttttttt	tttttttttt	122400
tttttggaga	tggagttttc	gcttttgttg	cccaggctag	agtgcacacg	tgcaatctcg	122460
gctcacggta	acctccgcct	cccgggttca	agcaattctc	ctgcctcagc	ttccggagta	122520
gctgggatta	caggcatgca	ccaccatgcc	cggctaattt	tgtattttta	gtggagacgg	122580
ggtttcttca	tgttggtcag	gctcatctta	aactcctgac	ttatgggtgat	ctgccgcgct	122640
tggcctccca	aagtgcctagg	attacaggga	tgagccactg	tgccagcccc	cgttgacttc	122700
ttgttacact	ttagataaaa	tacaaagtc	gggtgtggct	cgcgcattta	atcccaggac	122760
ttcgggaggc	cggggcagga	ggatcacttg	agcctgagag	ttcaagacca	gtctggggca	122820
catagtgaca	caccccatct	ctaattaaaa	aaaacaaaac	aagactccat	aagtagccct	122880
acgggacccc	agactcacac	tgtacgactt	cctcaccttt	ccatcttctc	tgaccagctc	122940
cttacctctg	ctccctcctc	taaagctttt	tgcccatgaa	tcccaaat	atgttttttc	123000
atttcagctt	taaaacccta	ccctgttatg	ataacaataa	tggagtacat	tgcccttgtg	123060
tggttcttca	tacttttttt	tttttttttg	agatggagtt	tcgctcttgt	tgccaggtct	123120
ggagtgaat	gttgccatct	cagctcactg	ccatctccgc	ccccactgg	gttcaagcga	123180
ttctcctgcc	ttggcctccg	gagcagctgg	gattacaggc	acacactaac	atgtccagct	123240
aatttttcta	tttttagcag	agatgggggt	tcaccacggt	ggccaaaactg	gtctcaaaact	123300
cctgacctca	ggtgatccat	ctgcctcggc	ctcctaaagt	gctaggatta	caggccacca	123360
tgccagctc	ttcataattt	ttcaaagcac	attcttctta	tttcgtttga	tcctatttca	123420
gtccacaatt	ttccacatac	cttttctcaa	aaataagagt	atagaagagt	tgggtgcagt	123480
ggctcacacc	tgtaatccca	gcactttggg	agtcctaggc	agggcgatca	cttgagacca	123540
gcctggctaa	tatggtagaa	cgctgtctct	aataaaaata	caaaaaatta	gccagggtgtg	123600
gtggcagggtg	tctgtaatcg	cagctacagg	ctcctactga	ggcgggagaa	tcacttgaac	123660
ctgggtgggtg	gagggtgcgg	tgagccgagc	ttgcgccact	gcactccagc	ctgggcgaca	123720
gtgcgaaact	ccatctcaaa	aaaaaaaaaa	aaaaagtata	gagggttgga	aatgccaaaga	123780

aaacttgaca	gtttatcaaa	taacatcttt	gccataaatc	ttaatgccag	ttgtgggact	123840
ggcctgtggc	tcctttaagc	cttggagttg	taacagaaag	ttttcttcag	atagttttgt	123900
taatcacact	gtttaaaatg	tgctatgaaa	tttcttggat	ctttggagag	aaacaagata	123960
ctgtttataat	aattactgtg	gagatgtcac	tggaaaaggg	atccagagcc	caagagaggg	124020
ttcttggacc	tcgtgcaaga	aataattcag	attgagtcca	tagagttaaag	tgagtgttaag	124080
tttattaagt	aaagaaacaa	aagaatgggt	actccatagg	cagagcagta	gcttggactg	124140
ctcgactgat	aatactataa	ttattttatc	attatatgct	aaacaagggg	tggattattc	124200
atgagttttc	caggaaaagg	gtgggcaatt	cccggaaatg	agagtccctc	cccatttcag	124260
gccatatagg	gtaactacct	gacgttgcca	tggcatttgt	aaattgtcat	ggcgctggtg	124320
ggagtgtcct	ttagcatgca	tgctaagtga	ttataactag	tgcataatga	gaaataagga	124380
cagccagagc	tcacttttgt	caccatcttg	gttttggatg	gttttggccg	gcgtctttac	124440
catcacctgt	tttatcggga	tggctcttgc	gacctgtacc	ttgcaccgac	ctcctatctc	124500
atcctgtgac	ttagaaggcc	taacctcctg	gaagtgcagc	ccagtgggtc	ttagccacat	124560
tttaccaagc	ccctgttcat	aatggagtcg	ctttggttca	gatgcctttg	acggagaagg	124620
taacttttca	ctatatattc	tttgtacagt	tcaggtgttt	ggttaaacac	atgcttgtag	124680
tatctgttta	aattagttat	atgtatatgt	atactctggg	aagtggctct	tctcattatt	124740
acaatttttt	tcgaaaagca	atcagctttt	atttgacaat	ttggaaaata	caggaagaaa	124800
aaaagttatt	cgggccaggc	acgggtgcctc	acgcctataa	tcctagcact	ttgggaggcc	124860
gaggcggttg	gctcagcaga	tcaggagtctc	aagaccagcc	tgaccaagac	ggtgaaaccc	124920
catctctact	aaaaatacaa	aaattagccg	ggtgtggttg	caggcacttg	taaccccagc	124980
tactcgagag	gctgaggcag	gagaatcgct	tgaacctggc	aggtggaggt	tgtagtgagc	125040
cgagatcgtg	ccactacact	ccagcctggg	tgacagagtg	agactccgtc	tcaaaaaaaa	125100
aagaaaaaaa	gttacttcga	atcctacaat	aatcctgaaa	taaccaattg	ggattgtcat	125160
ttaaaaatga	actttttttt	ttcttccctc	gagacagggg	ctcactcttt	cacccaggct	125220
ggaggggcag	ggcacgatct	cagctcactg	gaacctctgc	ctccctggtt	gaagtgattc	125280
tctctgctca	gcctcctgaa	tagctgggat	tacaggcatc	caccaccatg	cccaactaat	125340
ttgcatttta	agaaataggg	tttcaccatg	ttggccaggc	tggctctgaa	ctcctaactc	125400
caagtaatcc	accaccttgg	gcttcccaaa	gtggtgggat	tacaggtgtg	agccaccgtg	125460
ccggggccaaa	aataaactct	tgaatggatg	ttctgtaaaa	catttacact	tcctttaaac	125520
aggatattcc	aagtatgtgg	atttttgttt	atttggtttt	gagggaaagg	cttactatgt	125580
tgctcaggtt	ggagtgcagt	ggcgcatcag	ctcactgtag	cctcaaactc	ctgggctcag	125640
gcgatccctc	cacctcagcc	tcctgagtag	ctgggactac	agggcatgcac	cactgtgcct	125700
ggctcatttt	cttgttttgt	gagatggggg	ctcactgtgt	tgcccagggt	tgtcttgaac	125760
tcttgggctc	aactgatctt	cccacctcag	cctcccaaa	tgctgggatt	acagacatga	125820
gccactgtgt	tcaacccaaa	tatgattttt	gtggtaggat	atgccattag	ttagtgttgt	125880
tagtaagagg	cttttctctg	tgtatcttca	ctccatttga	gaagagtaaa	acatagaact	125940
gtgccataag	tttctgaact	tagaatagta	aagaagtaac	aagccagtct	tggcctggcc	126000
cagtgtatgc	cacctgtagg	cccagctact	tggaaaggag	aggtgggagg	attgcttgag	126060
cccaggagtt	tgaggccagc	ctgggcaata	tagacaacct	gtctctcagc	agacaacaa	126120
ccagtcttag	ctgggtgcctc	acttaaaactc	tgcaatcctt	gctaccccag	ccccatcaaa	126180
gttaatatgt	gtgtgtattg	tccagcagtg	acaggaagaa	taaaggaaat	agaaatgaag	126240
aggtagaatg	atcaggattt	tgcagttggg	tgagtgtgca	ggataaagat	ggtaaactca	126300
gatgatcaag	tttcgtatat	ggacaggaga	cttgtagagg	ttaggttttg	gaacctaaat	126360
tcttggattc	aaatcccatc	tctacagctt	ggtagtgtgt	tgttcctggg	cagtgttttt	126420
taacctctga	gcctcagttt	gctatgtata	acatgggaat	aatttagtac	ccacttcggt	126480
aggttattgc	agggctttaag	agagattcca	cataaagcac	ttagcatagt	gcctgaatgt	126540
ttttcattaa	ttattaatag	cgaggccatt	ttttaaatta	gagaacaaat	aaggagggca	126600
gaagtgggag	atgttaaaga	aggtgattgt	catttagagg	agctgagttt	aaagtagcca	126660
agggcagtac	tcagaagaca	ggactactgg	cctggcctgg	cctggcctgg	cctggaaagg	126720
gttattgcag	aaggatgatc	ctggatccac	tatgtagctt	tgcattcatt	ctctgaaact	126780
gcttcctaga	tggcctcaaa	gctctcaaa	ctccactagt	ttgaacctgt	aaaatgtttg	126840
attaactgag	acaacttggg	ttgcttacct	ttagctctag	agtgtagctg	actcactgga	126900
aagtttttgt	gctttttcaa	ccactggcgc	cagggctgat	gcctgtgttt	gtgtgtgttg	126960
ttcactgctc	tatgggtgct	gggccagggg	gaatgaggta	aaatcctgct	gttgtcttca	127020
ctccaagcct	tgtgcacttg	gctgcaactg	aatgggctgg	cagcatttct	gccttgggaa	127080
tgtttatctg	ctccctccat	gggtggggct	tagtgttgag	agtcaagcca	ctgaagaagt	127140
tgcctgtggc	cagcctgact	ccatgtgggtc	agtgtaat	tctattataa	ggattgcatc	127200
ctgggggttac	ttaaattctt	tttttttttt	ttttttcttg	ttgcagatca	tcaatgctgt	127260
ggtactgttg	attttatgtg	gtgccctggc	tgatccggat	cagtataact	tttcaagttc	127320
tgaactggga	gggtgactttg	agttcatgga	tgatccagct	aagtagtaga	tatttgggta	127380
ttttcaaggg	cagggaatct	gactgccagc	acttccctatt	aaattacaaa	tatagactcg	127440
tgagttcatt	tgagctgata	tataacttgt	cattgcaaat	caacgaatat	ttgtgtgcgt	127500
ctaacattct	gtcttctagg	tgcaagagtc	taaataagat	ctattttcat	cttatgttaa	127560
cttaccctact	taaaaatgat	tgcattatca	tagactttct	accctggggc	ttttggcctt	127620
ttttgagagg	aaggggtata	aatgccagga	aggaagggtga	aaaggcttgt	gcttatctcc	127680
ttgtgtcttc	tattatgttt	cagtatttat	ttttattcta	ggagtgatcc	ttttccattc	127740
tagaaatgat	gttgcagatt	atttggggga	atttagggcc	ttttccagct	gaatggaaat	127800
atgtacaggg	atgtggatgt	ggggtaagca	gggaggaagc	taggctccca	gcttgaagat	127860

cactgcagcc	tcatcatctt	ataatcatta	tgccgagtc	atgccaaagg	agaggagtag	127920
tgctgtgcat	aatctccagc	agaagatagt	acagatttat	ttctcattgg	cttcggagaa	127980
cttcaagtga	gtttttctta	aaaagtgttg	gagcaaagta	agagaggaga	gagtggtcca	128040
acatgcagtt	ttagagatcg	gaagcattcg	aaagacatgg	tgagggtctc	ttgtttctcc	128100
aagtaagaaa	aagctgttca	gtgggtttta	ctaaatgcac	gaactgatat	atgcatttaa	128160
gatccctttt	gctgctgagt	agggtactgg	gtgtgtgagc	acagagcctg	ggagagtggg	128220
attggggata	ccacctaggg	tgactggggg	atagagaaca	gggaaggatt	tggcaacttg	128280
ctgttttggg	cagcgaagga	gacggaggaa	tcaaagatga	cttctgcttt	ccagttttag	128340
gagatgacct	gcatcttaac	tgagctgaga	aagtcgggag	tcaggagggtg	ggaacagacc	128400
tggggggagaa	aaatagactt	taatttcagt	aactagctga	gcacagttgt	ttggaattga	128460
tatgggttgg	ctgtgtcccc	acccaaatct	cgaattgtat	ctcctagaat	tcccctgtat	128520
tgtgggaggg	acgtgagggg	aggaatttga	attgtgggag	ctgctctttc	ccttgctatt	128580
cttgtgatag	tgagtaagtc	tcatgagatt	gaggccgagg	ctggcagatc	agctgaggcc	128640
aggagttcga	gaccagcctg	gccaaagtga	caatacctca	tctctactaa	aaatagaaaa	128700
attagcccag	tgtggtgggtg	agtgcctgta	atcccagcta	cttgggaggc	tgaggcagga	128760
gaattgcttg	aaccccaggt	ggcggagggtt	gcagtgagcc	gagatcgcg	cagtgcactt	128820
cagcctgggc	aacagggtcac	ttttgctttt	tcttcattct	gtcttgtcac	cgccatgtaa	128880
gaagtccctt	tcaccttttg	ccatgattct	gaggcctccc	cagccatgtg	gaactgtaag	128940
tccagttaaa	cctctttttt	ttcccagctc	cgggtatgtc	tttatcagca	gcatgaaaaa	129000
agactaatac	agggtgtaggc	tccgaagcca	gaagaggcca	gtttgagttc	tgacaccggc	129060
gtgtgttgaa	gatgctaaac	ttgagctagt	gacttatcat	tgtgtgcctc	aatttccccc	129120
tctgcaagat	aggagtgaact	ttataaccac	atgattttaa	cgatagaaag	taattacaga	129180
ctggccacgg	tggctcacac	ctgtaatccc	agcatttttg	gagcctggga	gggtgggtggg	129240
gatcacttga	gatcaggagt	tcaagaccag	cctggtcaac	gtggcaaaac	accatctcta	129300
ctaaaatcta	cttgctcag	agttgtgtg	aggattaaat	gagttagtgc	gtaaaacatg	129360
cttagaatgg	ggcctggccc	ataggaagt	ctcagtaact	tttgcgtgtt	cagctactat	129420
tatctagatt	gttatggctg	gaacatgtga	accatcttaa	agtggagagg	ttacaaaggt	129480
caggcatggg	agtctgtggc	ccagaggaaa	tatttggact	gagattacag	atgtgaggat	129540
atcagcctaa	aaactgaatt	tctgttaggg	aaagagtaaa	aagaaaaggc	aacggggccc	129600
agaactgagc	cctgaaggag	ctccaactgt	aagaggccag	gaggaagaat	gagagagtaa	129660
ctaactggta	gtgaagtaaa	cagagaacca	agagatgctt	tctagccatc	atcttccacc	129720
actgttgttt	cataacatgg	attaagaagt	tggggcatta	aagttaactgc	agagataaact	129780
taaaaaaaaa	aaaaaaaggt	aggaaaagtt	ggcattatat	tatcctggga	tttgagatcc	129840
tgattagctg	ggattatagg	tatgtgccat	cacatggcta	atttttgtgt	tttttgtaga	129900
gatgggggtt	cgccatgttg	cgtaggctgg	tctggaactc	ttgagctcaa	gtggtccacc	129960
taccttggcc	tcccaaagtg	ctgggattat	aggcatgagc	caccacaact	ggccaatttt	130020
cataattttc	aagcacaatt	tgaagtaatt	aattattcag	gctgggctca	gtggctcatg	130080
cctgtaatcc	cagcactttg	ggaggccaag	gcaggcagat	cacctgaggt	caggagtgtc	130140
gagatcagcc	tgtccaacat	ggcaaaaccc	catctctact	aaaaacacaa	aaattagctg	130200
ggcatgatag	acacctggta	atcccagcta	ctcaggaggc	tgaggcagga	gaattgcttg	130260
aacctgggag	gggggagttt	gcagtgagcc	gagatcgcg	cattgcactc	tagcctgggt	130320
gacagagtga	gactacattt	caaaatttaa	ataaaattaa	ataatccatc	tcaaggatta	130380
ctaactcctg	ccacacatga	gttaaatatg	gaaagctgtg	tccaataacc	tttggcctat	130440
gagcttattt	attaaaggag	accaaaccac	atataaaaaga	agtttaaaaa	aacagattca	130500
ggtgaatatc	cacttttctg	tacctttata	accacgtgat	ttaaatgatg	gaaagtaatt	130560
acagactggg	tgcggtggct	cacacctgta	atcccagcac	tttgggaggc	tgggggcggt	130620
ggtgggtgga	tcacttgaga	ccaggagtgc	aagaccagcc	tggccaacat	ggcaaaaccc	130680
tgtctctact	aaaaatacaa	aaaaagtagc	cagggtgtgtg	ggcgtgtgtc	tgtggtccca	130740
gctacttggg	aggctgaggg	aggagaatcg	ctttaacccg	ggaggcagag	gctgcagtga	130800
gccgagatca	tgccactaca	ctccagcctg	ggcgacagag	caagactgca	tctcagaaag	130860
aaaaagaaaa	aagaaagtaa	ttacaaacta	ttcattcagt	cctttcaaact	atataaaaata	130920
ggagagaaac	cacaaaggca	ctggaattaa	catccaggac	attataaaac	aattactatt	130980
ttaaagtctt	aagtaccagc	aagcctttca	gggtagctaa	attaagccta	tcatgtcaga	131040
tagttattac	ccagcttaat	ctctgggtgat	tagaataagg	catgcagtgt	tgctaccaga	131100
tccagataga	accatagcat	tatcattttac	aacttctttt	cctaacctcg	attgccttag	131160
aaaaggaatc	ccgctactgg	aattgtgtag	ctttaatctg	aggggaaaga	aagcagagtg	131220
acatgaattt	aacattaatt	aaatattttt	tctggaagag	ttcatatgag	tataatgggg	131280
ttattcagaa	tagacagagt	aagaaatgtt	agaccagggtg	cggtagctca	catatgtaat	131340
cccagcactt	tgggaggcca	aagtgggtgg	attgcttgag	ctcaggagt	cgagatcagc	131400
ctgggcaaca	cagcaaaacc	ctgtctcaac	caaaaatata	aaaattagtc	gggtgtgatg	131460
gtgcgtacct	gtaatcccag	ctacttggaa	ggctgaggtg	ggaggatcac	ttgagcctgg	131520
gtggcagagg	ttgcagttag	ccaagattgt	gtcactgcac	tccagcctgg	gtgacagagc	131580
cagaccctgt	ctcaaattaa	aaaattacga	aaattaatat	agcaatttta	tcttgatatc	131640
tttttacatt	gggtgacagct	atctgaagat	ttcatccagc	cagacagagc	agaactcttt	131700
ctcacttttg	cagggtgatcc	tttccatgat	ctggtagaag	aaagctaaat	tcctatttat	131760
attgaaatga	ggcatatagg	agaatctact	ggaataaaga	aagaaaatat	aagaaaatga	131820
gtttaaaaat	ttatttttga	ggctgggtcc	cactctgtca	ccaggctgga	gtgcagtgtc	131880
gcacacaatc	tgggcttact	gcaatcccta	cctcttgggc	tcaagcgatt	ctcccacett	131940

agcctcccaa	gtagctgtaa	ctagaggcat	gagccacat	gcctggctaa	ttttttgtag	132000
agatggggtt	ttgtcatgtt	gcccaggctg	gtctcaaact	cctgagctca	agcaattcgt	132060
cattctcgac	gtcccaaagt	gctaggatta	caggcatgag	ccacctacc	cgccctcaat	132120
tttttcagtg	ttataaaaaat	tgactatact	gggaaagaat	gtggaactgg	catagattgg	132180
aggagacaca	attaaatgca	ctgtggggtc	ctggattaga	ttctggaaaa	gaaaaaggac	132240
attgaagggg	aacaggtaaa	attcaaatta	gttgtacagt	ttaaattaaca	gtgtgtgacc	132300
aatgttaatt	tcctgggttt	ggtagttagt	ctacagctag	gtaaatttgt	aataggggaa	132360
gcagggtgaa	gggtatacgt	gaattctgct	gtgtttgtaa	ctttcctata	tgtctaaaat	132420
gacatcagaa	taaaaaggta	aagcacagg	agttcagtc	actgacctag	aagctcaaag	132480
agtaatgttt	gaaaagcatg	tatgtgtggc	atattgtgtt	acacactcat	agccctgagt	132540
agaagtagac	ttcatggaat	tttatttgtg	aaatttttgt	tggcaaagaa	ttataacatc	132600
aagtgtctgt	actatgcata	atatgaaaca	ggagttcatc	catatttcta	attaattttg	132660
tggtagattt	gtctttcttg	tcaaacttac	tttcttcaat	gggcagacaa	atttagcctg	132720
aagaaagaaa	tggccagata	agttgtcaag	aaatgatggc	tacttatata	tacagtcacc	132780
tgattttagg	taagacacac	actacattta	ttggagaag	gatggctctt	tcaataaatg	132840
gttctgggtg	aaattgataa	gagaaagaca	gacacctcac	aaaagaagat	atccataaga	132900
gaatattctc	cacattgcaa	gttataggga	attgcaaatt	acagctacag	tagtaaatata	132960
ccgtgcccc	tcaaaatgac	caacattaac	gcagttaaca	gtaccaccta	ttgggtatcga	133020
tgccaaacag	ctggaactct	caaatacagg	ctgggaatgt	aaatacagcc	aaccactttg	133080
gaaaactaaa	gctaaataga	catctaccct	atggccctgc	attccactcc	ttgatatacg	133140
tacactccag	gagtgaatgc	tacacaactc	agtccttagt	atatacccta	gggaaacagg	133200
tgcttcataa	atctgtcgtc	agccatgtat	aaaaatggtc	atagtagctt	tattttatgat	133260
agccaaaagt	tggaaacaat	ccagatttcc	aatggcagaa	tgggcaaaaa	tgaagcaatc	133320
agagatgaaa	tgatataagc	aaaatgggtg	atgagaatta	actgtactgt	gtgtatgctt	133380
atatatgtat	gtgcatgttt	tgaagttttg	ataatgaaaa	ctgagaaata	ggaaacagca	133440
acaaaaaaga	atgatgaacc	tgaggagggg	cgcccttctc	gatggctctc	aacatcacaa	133500
actaaggctc	atcttgctct	ggcatttgga	aagggccctt	ggctgacctac	ctgccctctt	133560
cacataccgc	agactaactt	ggcagctctg	acagcttgcc	ggcttgctga	taaagatcct	133620
gacagccttg	aggaaataga	actacagcag	cagggggaagc	tgagccaggg	gaaccatcct	133680
ggccctttat	tttctttact	tttgtatttt	attttttgag	acagggtctt	gctctgtcgc	133740
ccaggctgga	gtacagtagc	acaatcttgg	ctcactgcaa	cctctgcctc	atgggctcaa	133800
gcagttctcc	cacctcagtc	tcctgagtag	ctgggacat	aggtgcgtac	caccatgcct	133860
ggctaatttt	tgtattttta	gtagagacgg	ggtttttgcca	tgtttcccaa	gttggctctg	133920
aactcctggg	ctcaagcgat	ccatccacct	tggcctccaa	aagtcctggg	attgcaggag	133980
tgagccaccg	cgcccgccct	ggctctttat	tttcatcaat	ctgccctccc	atcctttcaa	134040
aaaaagtagc	atactctaca	tcttgacttt	tttttaaagg	ataagtaaat	taattatttg	134100
tttttttttt	gttgtttttt	gttttttttt	tgagtcggag	tctgactctg	tcacccaggc	134160
tggagtacag	tgctgctatc	ttggctcact	gcaacctcca	cctcccagg	tcaagtgatt	134220
ctcctgcctt	ggcctcccga	gtagctggga	ttacaggcat	gcaccacctt	tttgtgtttt	134280
agtagagaca	gggtttcacc	atgttgga	gtctgttctt	gaactcctga	cctcaagtga	134340
tccacctgcg	tcggcctccc	agagtgcctg	gattacaggc	atgaacgact	gcgcccgctc	134400
taaatgttta	ttttcaagga	gactttttgc	aaaagtacgc	ctttgtatgt	atgagaagac	134460
cactagagtt	ggtgaagtca	cttgatcat	ctaggctagc	cattttacta	ttcttctcta	134520
gaattgaaga	atggatggaa	agccatgggt	attggagttg	ggaatgagtc	acctagattt	134580
aacctatgtg	aggagcagtg	acatttgga	taggactacc	accaacccaa	gacaacctca	134640
gagtgaggag	cacctcact	ctacttccct	ctttgtgatc	tcattccctc	accagagggc	134700
ggagggcaaa	agagctgtat	gttgatagcc	caaacaaatc	actgctgtgt	gcagagaaca	134760
gggcgttgaa	gaatggattt	ggaacagcac	cagaagccag	ctggtagagc	cactccctta	134820
cttaccttga	tgttccacct	aacaaaactg	tgtacatttc	cctactttgc	ctacaagaat	134880
actataaaaa	gctctgctag	tgtcttactg	aaatcgtagg	atgttatatt	agtcagggtt	134940
ccctagaggg	acagaactaa	tgggatatat	ttaaaggagt	ttattaagga	ggattgactt	135000
atatgaccac	aaggtaaagt	cccatgatag	gccatctgca	agttgaggag	caaggaagcc	135060
agtgatggat	cagttcaagt	cccaaaacct	caaaagttag	gaagctgaca	gtgcagcctt	135120
cagtttgttg	ccaaaggccg	gagagccctt	ggaaaaccac	tgggtgaagt	ccaggagtcc	135180
aaaagcggaa	gaatctgggt	tctgatgttc	gagggcaaga	agcatccagc	acgggagaaa	135240
gatggaagcc	ggaagactca	gcaagtctgc	tcttcatctt	ctcctacctg	ctttattcta	135300
gccaggctgg	cagctgggtt	gatggtagcc	atacagattg	aggggtgggtc	ttcgtctccc	135360
agtccactga	ctgaaatgtt	aatctccttt	ggcaacgccc	tcacaggcac	accaggaac	135420
aatactttgc	atccttcagt	ccagtcaagt	tgacactcca	gatgcattaa	gcctacagaa	135480
tccccctggat	ctgttgaggt	cctgtttgccc	actggctaag	aaggagttag	atcagctctg	135540
gtgtccagta	ttcctctctt	catgctctta	acgtgctcac	cggctgcttc	tccaatgcac	135600
tttattgttg	ttgtttacat	tttaattgtt	ttgaaatcag	gatgtgattt	gcaatttagt	135660
agagatttag	tatgcagatt	atgttttccc	ctctagatct	ctgtcgaaaa	aatgcaaagc	135720
ttttagagaa	gttgcatgta	caatgaaaac	caatattatt	tttctcattg	acaataattt	135780
gttctgccag	atctaggaaa	agcagtttaa	aaaaaccaat	agtttggggt	tcatttttat	135840
aaaattat	cttattaaat	attgagtagg	tataaaagaa	tattttataaa	atatttatta	135900
cccgtagcaa	ataatggtgc	tacaagcagt	tgtgtacctg	ccaagttggg	ttaagatatt	135960
tttgtccggg	tgcggtgact	tatgcctata	atcccatagt	gacaatgccc	aggcaattga	136020

agctgcaatg	agccatgatic	acaccactgc	aactccagat	tgggagacca	aacaagactc	136080
cttattttacc	agagattgac	taaaggaaaa	aagaagtgtga	aggccaggca	tgggtggctca	136140
cgctgtaat	cccagaactt	tgggaggccg	aggctggcag	atcatttgaa	gtcaggagtt	136200
cgagaccagc	ctggccaaca	tggtgaaacc	cccgtctcta	ctaaaaatat	aaaaattggc	136260
atggtggagc	acacctgtag	tctcaggtac	ctaggggggt	agggtgggaga	cttgcttgag	136320
cctggggagc	ttgcttgagc	ctgggatgcg	gaatttgcat	tgagccaatg	ttgtccact	136380
gcattccagc	ctgggcgaca	gagtgagact	ctgtctcaaa	aaaaataaaa	gaaaaaagaa	136440
aaaataaata	aaatagaatg	aaccagatga	tatggctgtc	ttagagcaag	cgagagatgt	136500
ggacaagggtg	aggcgagatt	agagaggtag	actgctctgg	aataaagagg	aacatcaagg	136560
ccttgataag	aaatgaaggt	tttattttta	tttattttatt	tttttgagat	ggagtctcgc	136620
tctatcgccc	agaccggagt	gcagtggcgc	gatctcggt	cactgcaagc	tctgtctccc	136680
aggttcatcg	cattcttctg	cctcagcctc	ccaagtagct	gggtcagcag	gtgcccacca	136740
ccacgcccgc	ctaatttttt	gtatttttag	tacacatggg	gtttcactgt	gttaaccagg	136800
atgggtctcaa	tctcctggacc	tcgtgatcgc	ctctctcggc	ctcccaaggt	gttgggatta	136860
taggtgtgag	ccaccgcacc	tggccggagt	ttttattttta	aataagatcg	gaagctatga	136920
aggctttcat	tagagctttg	aggcacacat	gagttttacaa	aatagaagtt	agacacctat	136980
atatctataa	agtaatacct	aattcattat	ttatataatc	cagtggacca	gaagaacaaa	137040
cattaaaaaa	atctgtaaac	caatatccct	ttttctattt	tgaataatc	tcttagtata	137100
aagtatttac	taactttatg	ctagttttatt	tacaaaatgc	ctttgagaag	agactgaaag	137160
tttccagtgg	atccactact	gattgtcttt	tttaagaaa	ttcttttttaa	tctttcggca	137220
gacatgtgca	ttgccattgc	gatttctctt	ctcatgatcc	tgcattgtgc	tatggctact	137280
tacggagcgt	acaaggtaag	ccgcttgacg	taagatgctg	gccttttctt	tggctctcta	137340
catgtgtaat	ctgtgctgct	gtctatagtg	agaagtgact	ttccagtttt	ctgttaagaa	137400
tctctgttta	aatctctcgt	ttgtattatg	tggtagtagg	aaaaccaata	ttatactgga	137460
aatttttttt	tttttgggaa	gacgggggtct	cactctgtca	cacaggctgg	agttagagtgg	137520
tgtgatctta	gctcactgca	atctccgctt	cccaagttca	agtgattctc	ccacctcagc	137580
ctccagagta	gctgggacta	caggtgtgtg	ccaccaccca	ttgctgattt	ttgtattttt	137640
tagtagagac	gtgatttcac	catgtttggc	aggctagtct	cgaactctgt	accttaagtg	137700
atccaccac	ctcagcctcc	caaaatgctg	ggattacagg	tgtgagacac	cacacacagc	137760
cagtcctgga	aatgttcact	gaagcttatt	tgttgactgc	ttatatttgg	catactgggt	137820
tccaccatga	cctggggttaa	tgaattccaa	tttttccatt	tcctttcaga	ttaataaaat	137880
actttgaatt	taagaaaaat	attgttttat	aatattgaac	acattaactt	tctattttct	137940
gttctgttta	gcaacgcgca	gcctggatca	tccattctt	ctgttaccag	atctttgact	138000
ttgccctgaa	catgttgggt	gcaactactg	tgcttattta	tccaaactcc	atccaggaat	138060
acatacgga	actggtacgt	ggacctctta	ctgctccttt	tcattaattc	ttttcattag	138120
ggaagctggt	taagtaaggg	atgtgtagag	atacacagac	attaatttca	ggatttttag	138180
cttgacagct	agttactcat	aggaaatttc	ttttttcttt	tttttgaggt	ggagtcttgc	138240
tctcgtcacc	caggtctggag	tgcagtgatg	cgatctcggc	tactgcaac	ctctgcctcc	138300
agggtctcag	cctcccagct	agctgggatt	ataggcatgt	accaacatac	ctggctaatt	138360
ttgtattttt	agtagagatg	gggtttcact	gtgttggtca	ggctggctct	gaactctga	138420
cctcaggtga	tccacccatc	ttggcctccc	aaagtgctgg	gattatgggt	gtgagccact	138480
gtgcctggcc	tgataaagtt	ttgagggccg	gggttatgat	tgggtggcagt	gatgggtggtg	138540
gttgatgtgc	ctacctaatt	tatagtccag	ttactaatag	tcgtatttgg	taaaatgtag	138600
ttttctcagt	tatcaacaaa	ggatagcttt	ttgcctttgc	tagtgtgttg	aaagtgggac	138660
tctgctcaaa	aacaacaaaa	ataattagct	gggagaggtg	gcacacgcct	gtgaccctag	138720
ccactcgga	ggctgaggca	ggagaattgc	ttgaacctgg	gaggtggagg	ctgcagtgag	138780
ccaagatcac	gccactgcac	tccagcctgg	gcaatagagt	gagatctcat	ctaaaaaaa	138840
agaaaaatca	aaagaaagtg	gaaagaaagt	ggaacactgc	tgtatactag	ctcccaaatt	138900
tgtttgacca	tagaatccct	ttctcaagca	tcattttggg	actagtttac	ggttaaattgt	138960
cctttgtgac	catatgagtg	aatattgggtg	gcagggtatt	aagaagctta	taatggctat	139020
gaggttgga	taactttatt	tattttttggg	acagggctct	tgtcaccag	gctggagtgc	139080
agtgggtgta	ttatggcttg	ctgcagcgtt	gacctccag	gctcccgta	tctctccatc	139140
tcaacctctt	gagtagctgg	cactataggc	atgcaccacc	atgccaccct	aaattttctt	139200
tttgtatctt	atgtagagat	ggggtttcac	catgttgccc	aggcttgtct	caaactccta	139260
gactcaagtg	atcctccagc	cttggcctcc	caaagtgctg	gcattataga	tgtgactcac	139320
tgtaccaggc	caactttact	tttttttttt	tttttttttg	agacagagtc	tactctatc	139380
acctaggctg	gagtgcagtg	ttgtgatctc	ggctcactgc	aacctccgcc	tccctgggtt	139440
caagccattc	tctgcctcta	gtctcctgag	tagctgggat	tacaggcacc	cgctaccaag	139500
cctggctaatt	tttttgattt	tttagtagag	atggggttct	accatctttt	ccaggctggt	139560
ctcaaacatt	tagcctcaga	ggatccaccc	tcatcgccct	cccagagtgc	taggaataca	139620
ggcgcgccact	accatgcctg	gctaattttt	gtattttttt	tttagtagag	gtggggtttt	139680
gccatgttga	ccaggctggt	ctcgaactcc	tgacctcagg	tgatccgccc	accttggcct	139740
cccaaagtgc	tgagattaca	ggcgtgagcc	accatgcccc	gcctgcaacc	tcaatcttct	139800
gggtcaggctg	gatcctttcca	ccttagcctc	ccaagtagtt	tggactacag	acatgcacca	139860
ccaattcccgc	ctaaatttgt	attttttagta	gagatggggg	ttgactatgt	tgtccaggct	139920
ggtctcaaac	acctgcactc	aagcaatctg	cctgcctcag	ctcccaag	tggtgaaatt	139980
acaggcatga	gccactgtgc	ttggccaagt	tattttatta	ataaaagagt	aaagtgcact	140040
gatctgatca	caaagaatga	cgattttatt	tcttagatat	tttgtcccaa	gtgaaaggag	140100

actgaaaaacc	attaggtggt	gttcaccctg	gtgagcagga	gccaaagccca	tgagtcatgg	140160
gccttctcca	tgttcttcc	caacattgga	aacaactttg	ttttggaata	ttgctcgtga	140220
ggaatccaaa	cacatagtgt	tgaatggtga	agggagataa	aagatgagat	agcacagtag	140280
gctgccttcc	cattcacttg	cctaggccag	tgatgtaggc	gttgatcaat	gctgtgtgag	140340
tgttctgtgg	ggaaagtccg	gcaactccct	ctaaccatag	tagcagactt	tgatcctcct	140400
gaaaaggttc	cctttgacct	ggttgtaag	cattgtggat	ggtagtgcct	gattatttcc	140460
ccccacctg	gaagctattg	ctagtataag	agaatatgct	gtcttgggag	aagtaccatc	140520
acaaaaaatg	ctctttgcaa	agaagacctc	attttagtag	gtttctgtcc	cttgccctgc	140580
atatgccctt	tagaatggtt	cagaactttt	gagacatggt	ctggctctgt	cgcccgggcg	140640
gctggagtgc	agtggcatga	tctcgctcac	tgcaacctcc	accaccaggg	ctcaagtgat	140700
ttgctcaccc	cagcctccca	agtagctgag	ctgggcgaca	gagagaaact	ccatctcaaa	140760
aaagaaaaaa	aaaaaaaaaa	ggaatggttc	agaacttgca	gagaatacaa	atttcagaga	140820
tccctggata	tacaaaaatg	ccctggatac	cgatcataga	cgcttttat	atggtaagag	140880
ggcagagtca	ggctgaaat	tttgatttgg	ttctaaataa	tagctgtctg	ctttaactag	140940
ttgctttctg	ataagcatgt	ctgaattggt	gccaaaggaa	tactgtctgg	aatgattaat	141000
gagatttgct	aatgaggccc	ttttcttttg	cagcctecta	attttcccta	cagagatgat	141060
gtcatgtcag	tgaatcctac	ctgtttggtc	cttattattc	ttctgtttat	tagcattatc	141120
ttgactttta	aggtaagcat	gaagatttta	cttatagtct	aaaaatatta	agtgtattcc	141180
tgaataccaa	ataagtaaac	aaactttggt	cagttttattg	tctttctttg	gacatccaaa	141240
ttgctttttt	atttctctaag	attacaatc	tttatgctgt	ctatgttgga	ggtaaacatt	141300
aatcaaaatt	ccacagtttg	atcaaggagt	ccaaaatata	tttggcagga	gataagttaa	141360
cataatgtta	tacattacat	agtatatgat	attgcaacgt	ctgttacaag	gtctgtgtaa	141420
tggaatttct	tttgtaattt	tttgctaaaa	gtgtaatat	ttctgaatat	tgttctatct	141480
caatccatta	tatgaatate	attatttaat	aaatttactg	atgagcattg	agacattttt	141540
tactttttca	cttaataggg	ctgtagtga	tatatttaag	tacatcctta	tatttatgca	141600
tttatctcaa	gataaatttc	cttttttttt	tttttttttt	ttttttgaga	tggaagtctcg	141660
ctctgtcgcc	caggttgagg	tgccagtggc	caacctcgcc	ttactgcgag	ctcgccctcc	141720
cggtttcacg	ccattatctt	gctcagcct	ccccagtagg	tgggaccaca	gatacccgcc	141780
accatgccca	gcaaattttt	ttgtattttt	agtagagatg	gggtttcact	gtgttagcca	141840
ggatggcttc	gatctcctga	cctcatgatc	cgcccacctc	ggcctcccaa	agctgggatt	141900
acaggcatga	gccactgtgc	ccggcttcaa	gataaatttc	ttaaaatcag	ggtgttcatg	141960
gttggaagc	ccttgatagc	ttgtcaaat	gatgtcccc	aaagttaaat	gacttctact	142020
tccctgcagca	gtgcctcacc	cttatcaatc	aattgtcgca	aattcttttt	catcttggtc	142080
aatctgtttt	taaaaccatc	attataactt	gtgcttatga	gtctactaatg	gttagaaaac	142140
tctcatggct	ctttatgctt	tcaacttttt	tcttttttta	tttatttttc	tttctttctt	142200
tttttttttt	ttttgaggta	gggtctctcc	ctgtagtcta	ggctgcctcc	tgcttggtt	142260
tcccaaagtt	ttgggattac	aggtgtgaac	cactgcaccc	agcatacttt	gaatttttga	142320
atctcaatgc	ctttcattgt	cttaattttg	gcataaaatt	atgtcattct	tcaaaaatca	142380
tgectcagta	aacttgggaa	agctgcattg	aggcagaaaa	ttcatatagg	tactgtgatg	142440
aaaaggagta	gaagagaaag	gggttcattg	aaaccagtgt	gccagggtga	atggctcaca	142500
cctgtgatcc	caacactttg	ggaggctgaa	gtgagaagat	tgtttgagct	gggagtgtga	142560
ggctgtagtg	tgctatgata	gcagcactgt	acttcagcct	gggtgacaga	gtgagacccc	142620
gtcttggtgt	tggttggtgt	gagacagagt	ctcactctgt	cacctaggct	ggagtgcaga	142680
ggtgcgatct	cggtcactg	caacctctgc	ctcctagggt	caagcaattc	tcctgcctca	142740
gtctcacgag	tagctgggac	tacaggcgcc	tgttaccaca	cccagctaatt	ttttgtattt	142800
tagtagagac	gggtttcacc	atgttggcc	tgctgggtgc	aaactcctga	cctcaggtag	142860
tttgccctgcc	tcggcctccc	aaagtctgg	aattcacggc	ataagtcacc	acacctggct	142920
ggggacaccg	tctcttaaaa	aataaataag	gccgggtgtg	gtggctcatg	cctgtaatcc	142980
cagcactttg	ggaggccaag	acgggtggat	cacgagatca	ggagatcgag	accatcctgg	143040
ctaacatggt	gaaaccctgt	ctctataaaa	atacaaaaaa	ttagtggggc	atggtggcgg	143100
gcgcctgtag	tcccagctac	ttgggaggct	gaggcaggag	aatggcatga	accaggagg	143160
cagagcttgc	agtgcagatga	gatcgagcta	ctgcactcca	gcctgggcga	ctccatctca	143220
aaaaaaaata	gtgaaatggt	gggtgatcca	gaccaaacac	caggtcgtgg	cggttgtaga	143280
gtccggcgga	gtcagaggaa	ttgagacaaga	caagagtaca	tagagtgggt	ccaggggtcc	143340
agtgccagtt	tggaggctgc	gaaggccctg	agctctggga	gtccacacta	tttattggtt	143400
atcaaacaaa	gaagcaggta	gtgaggacgt	gtggatgtag	gggtggacag	gtgaggacgt	143460
gaggatagaa	aggtagtggt					

ccatgactta	aaatattgtgt	gtgtgagtaa	tttttctaga	ttttataaat	cttacctgca	144240
ggaagggttag	tctgaccaag	ctaactctgc	cattaccaga	aactcgaagc	taggacctca	144300
caattatctt	taaaaagact	ttttaaatct	tttaaacatt	ttcacttgta	cttatttgaa	144360
atgccacat	cacattttga	gtcagaggac	ctaggggttag	cttctgtcag	tatgacttct	144420
atttttattta	tttattttatt	tattttattta	tttattttatt	tattaaggca	caaccatggt	144480
catcattact	agtcatatgg	tctaaattag	caaaaccata	gcagaataaa	atatactact	144540
cattgatgta	tttatacaga	cattaaaaga	tattttttgaa	tgcacttaat	tttttaaaaa	144600
aattttgtgg	gtacatacca	agtgtatata	tttatgggggt	atatgagata	ttttgatata	144660
gtgcagaata	atcacatcat	ggaaaatcgg	gtgtccatcc	ccttaagcat	ttagtcatac	144720
tcttttagtt	atttttttta	tttattttttt	ttgagacaag	agtgtcactc	tgtcaccagg	144780
gctggagtg	agtggtgtga	tcccggctca	ctgcaacctc	tgttccccgg	gttcaagcaa	144840
ttgtcctgcc	tcagcctccc	gagtagttgg	gactaacagg	gcctgccacc	atgcccgggt	144900
agttttttgt	atttttacta	gagacagggt	ttcatcgctg	tagccagggt	ggctctctatc	144960
tcctgacttt	gtgatccgcc	cacctcggcc	tcctaaagta	ctgggattac	aggtgtgagc	145020
cacaatgccc	ggcccactaa	atagttctaa	ttcaatattg	cagaagtgtg	aaataagaaa	145080
taaggccaat	gaaagaagta	cctgggcttt	tcaagacagc	aggtcgaggt	ttttccccctt	145140
ttggagtgtg	tagtaggtga	atgcatgtgg	ccttgcaaag	gcccttgaga	atgcctatctc	145200
tgggcattcc	atgcgaatac	aatcatcata	caatatgggt	ttttttttttg	ttttttttttt	145260
gttgttgttg	ttgttgtttg	tttttttgaga	cggagtctca	ctctgtcacc	caggctggag	145320
tgcagtggcg	caatctcggc	tcactgcaac	ctccacctcc	caggttcact	tgattctcct	145380
gcctcagcct	cccacatagc	tgggattaca	ggcatgcatc	ccaatgcccc	gctaatttttt	145440
gtatttttag	tggagacggg	gtttcactgt	gttggccagg	ctggtctcaa	actcttgggt	145500
tcaagtgatc	caccacacctc	ggcctcccaa	agtgtctggga	ttacagggtg	gagccatcgt	145560
gcccgatccc	attattatta	ttatttattt	agttttttttt	tttttttcgg	agatggagtc	145620
tgcctctgtc	accaggggtg	gaatgcagtg	gcacgatctt	ggctcactgc	aactgccacc	145680
tcccgggttc	aagcaattct	cccgcctcag	cctcctgagt	agctgggact	acaggcgcac	145740
gctgccacac	ccagctaattg	tttttgtatt	ttagtagaga	tggagtttca	ctgtgttgcc	145800
caggctgttc	tctaaactcc	tgaactcagg	taatccacca	gcctcggcct	cccaaagtgt	145860
tagaattaca	gacgtgagcc	accttgcttg	gccccgcccc	attatttttta	ttgttgttaa	145920
taccacattg	tatggatggt	gccacatttt	gtctatccat	tcatacagttg	agggacattt	145980
gggttgcttc	tacttttttg	ctattatgaa	taatgctgtg	gtgaacattc	aagtttttgt	146040
gtggagtgtat	atttttcattt	tattcgggat	atattatata	tatactatat	gtagaatacc	146100
taggagtgga	attgctgggt	cctgttgtaa	ctctgttttaa	cctttcgaac	tgccggactt	146160
ttccagagtg	gctgcaacca	ttttacattc	tcataagcaa	cgtattttcct	ggatttttagc	146220
aatctagttt	ctctatgtgt	ttaaacttct	tttaatcaaa	gaattttaat	gttaagggat	146280
tttgaaatcc	tttagttcta	atccaattac	acatgatgga	atgaaagtac	agagttcata	146340
gcttaaacat	ctcccgtgaa	ctcatgtttc	atttctaaag	agtattttatg	ttggacatta	146400
attttaagta	tcgctcgtcg	atatttcgtt	ataaaagggg	aaatgtttta	gtgaatttta	146460
ttgactgtga	gataaattta	tatgctatga	aaattttaaa	aaaatcgact	tgtgtaataa	146520
aatcacagat	aatcatatag	aagaaaaatt	tccaaagaag	cagttaaact	gtggcaataa	146580
atgagttaat	acattcgatt	gttctgtgaa	ttcaggagcg	ataatgttaa	ttgtgtgctt	146640
gttctttcca	gacacttatt	cttagaaatt	tctcattcaa	ctctcatccc	tcccctctcc	146700
caacttcccc	cagtaccacc	cccatacccc	cattgggtgta	atagaatacg	gctccagtag	146760
cacatttgtc	caagaagtta	ctatacccaa	catttgtact	ttcagggact	tttgggttag	146820
tagagctgtt	ataaatgtg	catttattgc	ttatgtcaat	aaaagtttta	taatatggct	146880
ttatctgtgt	ggtattctaa	attacctgca	gtttgaaaat	taaaaatctg	ataatcactc	146940
ctcattttca	gggttacttg	attagctgtg	tttggaactg	ctaccgatac	atcaatggta	147000
ggaactcctc	tgatgtcctg	gtttatgtta	ccagcaatga	cactacggta	ggtatgatgt	147060
cacttatggt	agagatctcg	cccacacctt	tactgtatgc	tgatctttta	gtgtttctag	147120
tgtttgctac	atttttattg	ttactgaaac	atactcatga	gctgcttagt	tatcaaaaga	147180
ttcatcttag	ttatcaaaat	actcatttta	ctatgaagtt	aaatgtattt	tgtttttctt	147240
acaggatatt	aaaatgtaga	tggctcaact	ctggtttatt	ttaaaatgta	ttacagatag	147300
ataatatatg	taccttactg	taattattta	tcttaaacct	gcattgttaa	accatgggtg	147360
ataattctag	atategcttc	tgcattgtat	gacattatat	taactcactt	tatatgtgaa	147420
gttaaaccaa	gatgcgatgt	ttacaggtag	gtaaaaaaga	actgcaaagt	tactatgtct	147480
ttgtaattta	tcttatgtat	gtattcttag	taaaataatt	tagatgatct	ctgttctgct	147540
actagtgtgt	catactttta	aattgcaaac	ctgtcataaa	agatttttga	aaacatgtct	147600
tcactggaag	agtcctatgaa	aacatatgca	ctttatgtaa	attatcttga	aatttccttg	147660
ctcatggtaa	gatgaaggta	taagtctctc	tgggtctctc	gtcgtcactg	cctgatgtaa	147720
tgcacagtac	caggaagtgc	tccatgcatg	gttagtgaaa	acgatgggga	tggatgacat	147780
gtaactgtgt	ggcatgggac	aggatgggtg	ggtcaaaacg	gataggattg	gactggacgg	147840
gtgaaaggaa	cacataaatg	gtaggacgtc	aaattttatac	tagagtagag	ttttgtgttt	147900
ttggtttttt	agtttgcttg	tttttttctg	gtgacttgct	cactctgacc	ttaccgaaat	147960
aatccagcct	gttccttact	ttactttctt	gtgtataaaa	tgagactaaa	acagttacag	148020
actttgtatt	aaatatatgg	gtgtaggcta	ctgtattact	gagaactctg	tgtgatagct	148080
aaagcatgtt	atacactgac	agttttccta	aatgctcacc	acacatttct	tgagtccaat	148140
caaatatgca	tgagcagtg	tttaatagac	agccatgacc	agatgcacaa	aacctggcat	148200
accaggtg	tgaggaggct	cgttttgagg	gtctgcagaa	ttctgtgtat	tgattacagt	148260

aatcacggtgt	tctgtctcaac	ccctttaaaa	tatcactcct	gggtctgtaa	ctctctttga	148320
aagaaatatc	tattcaaaat	tttcgtgatt	ttgataaaat	tactggctta	agaatttttt	148380
tcctttttctc	tgagttgttg	ggtatttttt	catttgtttt	accattaac	tttttttggt	148440
cgcccagggt	ggaatgaagt	ggtgtgatct	cgtctcactg	cagcctccac	cccctgggtt	148500
caagtgattc	tcctgcctca	gcctgccgag	tagctgggat	tataggtgcc	caccaccacg	148560
cccggctaatt	ttttgtattt	tcagtagaga	taggggtgtg	ccatgttggc	cgatttggtc	148620
tcgaactcct	gacttcagggt	gatccacgtg	ccttggcctc	ccaaagtgcc	aggattacag	148680
atgtgagcca	ctgtgcccg	cctgttttac	ccattaactt	ttgcagaagg	caagtgtgtg	148740
tttagccatc	tataaatttt	ttctttttct	taaaacaaat	aaaaagtcca	taattagtgt	148800
tctactgaac	taatgaaaaa	tgtaaagcaag	gtttgagatt	tttaagtttg	aagaaccagt	148860
aaagtgtgta	cacaagatac	atcagaacct	ctttgtaaat	ttcatggcac	atagggctta	148920
taaagccacc	atctttttaga	agtatctcag	agcagagaat	aatacccata	ttgcatgtgc	148980
ttgttttgat	atggtgtgtg	tatgaaagag	gaggcgatac	ataggttttc	atccacagtt	149040
cctggctctct	aactcttcac	agcctattgtt	agtcctttgtt	tattacccta	ggtgtgtcag	149100
gtcttaggga	atctctgact	tacttctgca	ctaaggcagg	attctaactc	tcccccttcc	149160
tttctaactg	tgggtcttaa	gaccttccct	aaagaggggtc	cagcctcgta	ccctgaggga	149220
aggaatgctg	actgtcctta	ggaatgctga	agcttcctta	gggtagctg	aactcctgga	149280
ggttccttga	gggtggtaca	cccaggaagg	gcttggaagc	tccatgttcc	ttcccccata	149340
tctatgaatc	tcttcatctg	tatcccttgt	atccttataa	taagccagta	aacctcagta	149400
agtgtttctg	agtcctaaat	ggtatgggaa	cctcaactta	aaggctgggt	ggtcagaagc	149460
tcctgaggcc	cactgttcca	gagtggtgga	gtggggagg	gacacttttg	gggattgagc	149520
ccttaacctg	tgggatctga	cactgtttcc	aggtagatag	tattatgtgc	gcatctaagc	149580
gaagagacaa	cctgaaaagg	ctaagtgtga	gcaacaaggc	tgtttattca	ctcaggtgcg	149640
agcgggctga	gtccgaaaaa	gagagtcagc	gaagggtggt	gggattggag	ctagttttat	149700
aggttagggg	taagcagtg	aaagttacag	ttaggggccg	tttattgcgg	gcaggggaag	149760
gggtcacagg	cggaagggt	cacagggcac	aatgtcacaa	ggttgatcga	tcagttaggg	149820
tagagtctgt	tacaattgta	gaatgttgca	aggttggtca	ataagctaag	acggcagcta	149880
gctgttttct	ttcttttgtg	gttttctctg	tgtcttagac	tttctggctc	caggaggcct	149940
tctggatgta	tacgtgtggg	tcacagaggt	tacaatggct	tgacctgggt	gcagctttct	150000
cagaagacct	cacattcctg	gctttttata	ttaataatgg	aaaaacaaaa	atgagaaaga	150060
gtagtgaagt	atggagaaaa	tttatgggtg	aaattttggg	ggtggtatgg	agggatgatg	150120
ggagattttt	ctcagcgctg	cttcaagcgg	gattaggggt	ggcgtgggta	cctaaagtga	150180
gagagaaaag	ttaaattgaa	gggagaccct	ggggcagggt	gtgacattgt	cgagtgttta	150240
aaaggagcat	atgtcgaatt	tagtgattag	taatagcttg	gatgctgttt	tgtatgaaca	150300
gagagattag	cctgaaaaga	caaggtccga	ataagagaag	gagaaggatg	agtgtctaaag	150360
ggcctgttag	tgggaggagc	catgaagcta	agctagagaa	tggccaagta	ggtccagtat	150420
aactatctgc	ctgattagt	agtttttgag	ctctgtcttt	aagttttttg	atattgtcgt	150480
atacaaggcc	tgattgattt	acgtaaaagc	agcattcttc	atttaagaat	aggcagagtc	150540
ctccttttct	agcagtaagc	agattgaggc	ctcagcgatt	ttggaggaca	actcgggcta	150600
aggaatcgac	ttgggattgg	aggacagaaa	gtgagttata	tcggtaaggc	tacggagaaa	150660
gtcattggag	agactcgaa	atgtggtgat	agaagttgca	aggcctgcta	ctcctgttcc	150720
gattgcggca	gtggaaactc	ctaactcctat	aagcaaggga	attcatcgaa	tgactctttt	150780
ttgtcttgtt	ggagttataa	ggggaatggg	gagttgctcg	cttccgtttg	caaactgggt	150840
tttgggagta	aggaagattt	aaagtgcagg	tgcctgtccg	gttagcaggg	aggcacatgt	150900
aggtggaaga	gctgcagagg	aaaaagagtc	cttgaggcag	gcagaactgg	aatgacagag	150960
taaaaaggta	agagtgtgtt	ctggaagtg	ggctctgcac	ccagaccctc	agggatccag	151020
caagggtagc	agctgtttag	gggtgtagcg	gggtttggta	gggagctgc	gtggagggag	151080
aggttctatt	ttcatgggtg	ataagaaaagc	gcttggtatc	tacaagtagc	cattcactgt	151140
tatttataag	actaggtata	agcaggcaag	aagaaggact	tggaggggaa	tctgttgaa	151200
gggggagggt	agccaaaagat	cgagcaagt	agcggtaagc	gtctttctag	acaaaagttg	151260
ctaccaatgt	tttaaagact	gtttgtgatg	agagtgggac	tggaatgctc	caattttctg	151320
gttgatgta	gtgttggggc	tttggagggt	aagagtaag	gaacataagg	aagacgggag	151380
gttacctaag	ggaattccag	taggtataatg	ttggagatg	cataaggag	cagcaatggg	151440
gatagttgtc	tgtgtagcga	ggtgtccaag	aacaggggt	gtggaattga	tgtagggaga	151500
tagacctcgt	aggtaggtag	ggagaagagc	agcagcctgt	tagtatgaga	tattggggga	151560
gttttttgctg	aatttttctt	ttcttttctt	tttttttttt	ttgagacaag	agtcttgctc	

aagcagggc	atttagaagt	aggcaagaat	ggtgattagg	gacctaggt	gacattaagt	152400
agtggggtgg	ctatgtaaag	gcctattgta	aatgaaagat	acaaagggct	gtgttctt	152460
ttcaggaatg	cgagtaagtt	gaagagaagt	gggggagagt	acttgcgact	tccagaagga	152520
ggtagaggag	ttaggctggt	ggtcagatgg	gcacagtttt	atcctggagc	gatgaacca	152580
gtggggaagg	ttctgtagac	ggaccgtggt	tggagtgtctg	taaacaacct	ggtagggttc	152640
ctgtccaccg	agggtgtaga	gtttgagggg	ttagttctta	acaagaactg	accgtcgggc	152700
taggatgtct	ttatattgct	gggtatctgg	agtgggtaaa	aggaaattgg	cagctcagcg	152760
gatttcatgt	ctagctttgt	gaaggactgg	aagatagtta	ccaagagggc	tgggtgtctgg	152820
aatgaggttg	ggcccatgta	aaaaatgtcg	gccatatagg	agatcaaagg	ggctataccg	152880
tgtgggttct	tgaaggggtg	ctcaaatttg	gaggagagca	aagggtagaa	gaattgtcca	152940
gtcttttttg	cgttgagggg	tgagtttggt	aagatgtgtt	tttaaacgac	tgttggcctt	153000
ttctactttt	cctgaggatt	gaggatgata	agggtcatgg	agattccact	gaatactgag	153060
ggcttgggaa	actgcttggg	tgatctgact	aatgaaggct	ggactgttac	cagattgtac	153120
ggaggttaga	agaccaaatt	gaggaattat	gtcagttagg	caagaaatgc	ctgcagtggc	153180
ttttctgtc	ccctgaggaa	aggcttcaac	ccatctggta	aagggtatcaa	cccagactag	153240
gagggtttga	atttgcagac	tcggaacata	ggtgtgaaat	ctatttgcca	atcttttgtg	153300
ggggtaaatc	ctcgggcttg	gtgtgtggga	aagggagggg	attttaggaa	gccttgggga	153360
gtagtagagt	ggcagataga	acagtgagat	gtgcttgttt	tgagaatgta	tttccataat	153420
gggaaataaa	tgaggggttc	taaaagacag	gtgagaggtt	tgtgtcctac	atggaagtgg	153480
tcatgaaagg	aagaaaggat	agagtgggct	tgtgaggcag	ggagaaggaa	ttttccatgg	153540
tctaagaacc	acttgccctg	agttggaaaag	gactggtaga	acaggttttc	agaagaagaa	153600
tagtgggag	tgatagatga	gaagacaag	tattggctgt	ctggagcggg	gactggaacg	153660
tgtgcaggcg	ctgaggctgc	gtttctcgct	gtttgtggtg	cgcagacgtt	tccttgggca	153720
gtggggtcag	atgttttttg	gtgccctttg	cagtggatta	ctctgctttt	ggctgtgaag	153780
agggcagttt	taaggagagc	ctttattaga	cccagctggt	gcctgtctgt	tgttgggtgg	153840
agaaaccccc	acgcctttgg	tcacaggagc	cttctgcttt	gattgtttgt	gtatgagagc	153900
agaggaaaaa	cacagcttga	gagctttccc	caaaacaaat	atacttctag	ttgttttttt	153960
ccagtagaaa	ttttatagaa	attagggtgc	ttagagaatt	taagaaccat	gagtaagtcc	154020
cccaaatgca	tcctactagc	tttttggaga	aaacttctat	ttttccctt	tgaagacac	154080
aaaggtagtg	aataacagg	ttgttttatt	aggcttagtt	ataaaattta	tcaaataagc	154140
tacacttttc	aactgcacgt	tcccacctct	tctaacagtg	tgcctctttt	cttcagaagg	154200
gctaccaggt	gggcagtagt	ttgtggtagc	tacatttggg	ggccatggtc	gaatgccagc	154260
tgcgtttgtt	tcctgggtgt	ttgacataca	tgccgggaaa	ttgcttggtg	gcggttggtc	154320
agtctctgtc	attttgtaac	aacttgccat	ttttaagatg	aggaaactga	ggtactgata	154380
atgttactat	ttttccacag	ttcccaatga	gccatttttt	aaaattttct	tctgaaagaa	154440
ttataattct	ggaaaaggta	gattttatct	ttctcttaac	atagttgtat	tgatataatc	154500
cactccgaaa	tatcagggtg	gaccaccagt	tgaagtctca	gctttctgac	gatatttttt	154560
atltattttat	ttttatttta	ttttatttta	ttttattttt	atlttatttt	atltttttga	154620
gacagagtct	tgctctgtca	tcaaggctgg	agtgcactgg	cgcgatcttg	gctcactgca	154680
acctctgcct	cccagggtca	agcgattctc	ctgccgcagc	cttctgagta	gctgggatta	154740
caggtgcgca	ccgccacgcc	tggctgattt	tttgttttta	gtagcaaagg	ggtttcacca	154800
tgttggccag	gctgggtctg	aactctgcag	ctcaagtgat	ccaccacact	ctgcctccca	154860
aagtgtctgg	gttacagggt	tgagccaccg	ctctgacct	tctctgacaa	tattttgtta	154920
aaagatatlt	acaaaaacaa	aatggggcca	ggcacagtg	ctcacacctg	taatccagc	154980
acttcggggag	gccgaggtgg	gtggatcact	tgaggtcggg	agtttgagac	cagcctggcc	155040
aacacgggtga	aaacccgtta	ctcctaaaaa	tagaaaagtt	agccgggctg	ggtggcacat	155100
gcctgtaatc	ccagctactt	gggaggctgg	ggcaggagaa	tcgcttgaac	ctgggaggtt	155160
cacttgaacc	tgggaggcag	aggttgcatg	gagctgagat	tgcgccattg	cattccagcc	155220
cggaaaatag	cagcgaaaat	ccatctcaat	caattaatca	ctcaataaca	aaatggtatt	155280
gtttattttt	aattgttatt	ttttaagag	ttattatttt	acctaaaata	ataagtttct	155340
aatcccataa	aatatccagt	aagtgtcag	gtttccagtt	gtgtcataaa	gggaataatt	155400
tctagcactt	tatttgaaac	aggatatatg	ggtcaatatg	tgtttgtct	ttataatttt	155460
ttgttgaaga	aattaggttg	tcccacagtc	tagatgatct	tgattgcatg	cctctcatgt	155520
agtcttctgc	attaccagcg	aattatttgg	atctagaggc	tttttgtgtt	cagatttgcc	155580
tgtttgtttt	gcaagactac	ttcatagggt	acgatttttt	cttccattag	gaagcaaata	155640
atgtctggtt	aaccatcttt	ttggaagtca	agaaccattg	atacttaata	cctagattta	155700

gtcttttgac	atgtccctgg	ttgtgtgtgt	gtgtgtgtgt	gtttatgtgt	gtgtgtttga	156480
agagacaggg	tctcactctt	ttaccctggc	tggagtgcag	tgggtgtgatc	atgcacctgg	156540
gcctcaaatc	taagcaatcc	tcctgcctca	gcctcctgag	tagctgggac	tacaggtgtg	156600
agctactag	accaccctag	tagtctttga	ttgtcttctt	attgtctggt	atgacaagat	156660
gctctaggct	catctttgtac	atttcttgcc	ccaaatgtgg	aatgagccat	ttctccaggc	156720
agccctgcct	atgtttttgta	ggaaatgaca	tctggagacc	ataatctgga	tttctggggg	156780
tagaggacag	gcttttttgtt	ttgggttctgg	cttttttaaag	cagggctctg	catgtttaaa	156840
gattgttttag	aactaaagga	gttaatgtta	ccattatcaa	ttaagaaaac	caaagttact	156900
gaagcctccc	tctgagactc	taatgggggt	tggaatgatc	tagatctgtc	attttccctg	156960
gtctccatag	ctgtgttaag	aacttcacca	tgtgtaataa	tgtatgtttc	tcttttgttc	157020
acatctttgt	tgggaatcca	catttacata	ataacatgtc	atgtcttgct	ttcacttatt	157080
ccagatacta	ggccagatag	cttttctccc	aggctgaata	gtttcagggt	gacctctgtg	157140
gaaagatact	gggggctctt	gctggtagaa	aatgaatgtg	gttttctctc	ctcttctcta	157200
aaacagtata	catattatta	tccagatgtg	ctctttccca	aaattcttct	cagagggagg	157260
atagagaaga	gttgctagat	attggagatc	attccctggg	ttaatctctc	ctccagtttc	157320
ccagctaaac	caaaccacat	actttgaaag	gaatgcgtaa	cgcagaagg	cacaaactct	157380
gttcataatg	cttttagagtc	atcccgcctc	cagcaccctt	aggccattga	gataagtaac	157440
ataactgtgg	attttatgtg	gtagtcatgt	ccaaatgact	taatagtgg	cattggggga	157500
gtatctaaca	agtgtctgga	cattttctct	gaaaatttaa	aatataacaa	ggtgtccttt	157560
tttgagtctg	cagctccctt	gggcgggcct	gctggtggtg	ccttggagcc	ccctttcttt	157620
tagggcagtg	ttatgaaaat	cacatggtgg	gtgtatattg	tgtataacca	cactctccac	157680
tgctgccaaa	atttggttat	aagaggaaaa	gatttaaata	caaactctgt	agatcagggg	157740
tccccaaagg	ccgggctgca	cagcaggagg	tgagcagcgg	gcgcgggcaa	gcaagcatta	157800
caacctgagc	accacttaca	agattagcaa	cagcattaca	ttttcatagg	agcacagacc	157860
ctattgtgaa	ctgcacatgc	aacggatcta	ggctgcatgc	tccttttgag	aatctaattg	157920
ttgatctggg	gtggaagagt	ttcatcccga	aaccatcatc	acacagcccc	ctcaccctct	157980
catcaacccc	ttagcaaagt	tgtcttccat	gaaaccaggg	actgccgatg	tagattatgg	158040
taatagggtt	ctttcacatt	aagctttatt	caaattaagt	tttggtttgt	tttggttttt	158100
gagtcctcgt	ctgtcagggt	ggaatacata	ggagtgtatc	atcagctcac	tgcaacctcc	158160
acccctctgg	ttcaagggat	tctcctccct	cagcctcctg	agtagctggg	actacaggga	158220
catgccacca	tgcctggcta	attttttgtat	tttcagtaga	gacagggttt	caccatattg	158280
atcaggctgg	tctcgaaactc	ctgacctcag	tgatccacc	tgccttggcc	tcccaaagtg	158340
ctgggattac	aggcgcgagc	tactgtgccc	ggccataaat	taaggtttta	aaaagtattt	158400
cttaaaccta	tgtgaccttg	tttactaata	ctaataaagg	cccggatggt	gataagagcc	158460
agtattatgt	taaatctaaa	tgtagggaac	ctgattcctc	tggagtgtg	gcactcaaaa	158520
agcagtgagg	ttgatattta	gccaaaatgg	tatataagaa	ttctgattgc	agataaaaaga	158580
atcatagtct	tggctaattg	aggaaaattc	ctatttaggg	aaaaacagga	aaattgttaa	158640
ctccatagta	tttattatgc	catgtcatat	tgtaggctct	tatccagatt	aacattatat	158700
gcaaacttat	tgttttaact	tcaaaaagta	tttgcctatg	tgggggcctt	cttttgcac	158760
taactgcttg	aaaaacgcaa	ttgaagaaag	gtgagtgtgg	cttctttggt	ttcagaaaat	158820
aagtataaag	agaaaaaaaa	atatatatat	ataacatata	agggtgagtga	tgactggggc	158880
aaaggccaga	ttatcttctc	agtgtccttt	tctcaataaa	ttctctttga	agcacctgag	158940
attaattaa	gctgaccttg	ggttgtcaaa	aagccacaaa	acagggtattg	cctgactaag	159000
gggggaatgg	agtggagtca	gatttagtag	tggttgcaat	gactttcaaa	aatttgtgcat	159060
gaaaaatttg	atgtttttcc	tctgccact	tttttttttt	tttttggaga	cagagtctct	159120
gtcgcccgag	ctgtggagtg	cgtgggtgtg	atcttggtctc	actgcagcct	ctgcttccca	159180
ggttcacgtt	attctcctgt	ctcagcctcc	tgagttagctg	ggactacagg	cacatgccac	159240
tatgcctggc	taatttttgt	atgtttatta	gagacaggg	ttcaccacgt	tggccaggct	159300
ggtctgaaac	tcttgacctc	agggtgatcca	cctgccttgg	ccaccgaag	tgtcctgcc	159360
acttttaaaa	gcagggttatt	acttccgagt	atagtttgga	tatggttaga	aacaagttct	159420
tgactgcata	atgagttctg	tttttttttt	cccttcataa	aagtcataat	taactttcca	159480
aaatgggttg	aagaaggctt	tgcctaagcg	tagttactag	gttggctatt	aatttagcat	159540
ccttttcagt	cctgtacgca	ccaaattcag	gtacattaaa	agcagctcac	aacgaaacag	159600
tttttaccac	tgtcatctgc	gtaaatgaac	cagagggcc	aggggacgg	gagggtagaa	159660
ggggagagaa	agaagattct	tcagggaattg	gactggaaga	gtttgaaact	ctagcctgtc	159720
attattggct	ttcaagcttc	ttgcctacta	agtttagaag	agagatctta	ttactaatat	159780
ctcaatttta	ggtatcactt	ttcccttata	athtagtaat	ttatataatc	tctccaagca	159840
ttttcttttc	ttttgatttt	aaaagcccaa	aacaaaagt	acagggtgat	atggaataga	159900
tttggtaaaa	ttgcaataaa	gctgagagag	cactaagaga	ctgtttccag	aggcagggtt	159960
agaggcagtg	aagggtctggc	ccagggcagg	agtgtcggga	gtgagccagg	cagatgggag	160020
agctgtcaga	ggtagttaat	agtagatcat	tgagggaact	ggaatgacag	gagctttctt	160080
gtgtgtgact	gtcacttaac	atatacaatc	acacacttgc	agggtagggt	aacaccttga	160140
acgtcatctg	gcccagccat	catttgatgc	cctcatttcc	tcaacagtgt	gcccaccagt	160200
tccatccagt	gagggttgag	tgactgcatt	gatgctgtac	tcctctctgc	atctcttaga	160260
cctccctact	cttgtgtttg	tatcataggt	ttctccgcag	acatgtggca	gttgccgccc	160320
atcaggcctt	gtgccgagtg	ctttacatag	attaactcaa	tcacacaaga	gtccttcacg	160380
tactaggtcc	tattaattcc	tgtgttgcaa	aagaggaaac	tgaggcacca	agagggtaac	160440
ttcccgaggt	cacctgtcta	gtcgagtggc	aggaggggga	ctacaacctg	atcagcctgg	160500

ctgcaggctg	ttctgacca	ctcacctcct	cctaactggt	gtccagttgg	gactgcagct	160560
ggggccaagt	gttctcaccg	ccgtgtctgg	ctgtattgcc	caggatgagg	agtgaacat	160620
gtggacactt	tttcattcag	acagttcttc	tcgagtacag	tcagaaactt	taaaagcagt	160680
gggattttct	ggtttgttgg	tcgtttgcta	gtttttacct	tttcacacag	tggaagggag	160740
gggtgggtaa	ctcagaaaag	gggcggaag	aaaagaaag	gtaaaagtaa	attttgcata	160800
ccagggcagc	tgcttatcta	tatagttgtg	ctacacagtc	ctgcttccca	tacccagtc	160860
cctgcattct	cccgatgttg	tcatatgcgc	atacagcttc	agatagactt	acctgttggt	160920
tccaatatca	aagcatcatg	ggtgagattg	gactacatgc	tcctgagatt	tttctcccaa	160980
aaccttttcc	ttggctgtaa	ttctgagggt	caggctgaca	gtatgtgaca	ttaaactcggc	161040
tcctatttct	ttccttctgc	ataatattct	tccaacaatt	ttttttgttt	tgttttgttt	161100
ttggtgagat	ggagttttac	tcttgttgcc	caggctggag	tgcaatggcg	cgatctcggc	161160
tcactgcate	ctccacctcc	cagttcaagc	gattctcctg	cctcagcctc	ccgagtagct	161220
gggattacag	gcatgtgtta	ccatgcctgg	ctaattttgt	attttttagta	gagacggggt	161280
ttcaccatgt	tgcccaggcc	gatctcgaac	tcctgacctc	aggtgatccg	cctgcctcgg	161340
cctcccaaag	tgctgggatt	acaggcgtga	accactgcgc	ccggccacca	acaataaaat	161400
tttaaatgtc	ccggtctgct	ggaaattatc	tccgagccat	ataactttcc	agttgtttca	161460
tcccagagca	acattcgaga	agactacacg	agcacttgta	aacgttagga	ggctttgcat	161520
ctgggggac	tcagagtgtg	tttgagagg	catctagagc	agtcagatca	acacatggat	161580
gtttgaaacc	taaagtctct	aaagctccaa	acaaacctag	ttttcgttgt	gaaccatttt	161640
actataaaac	acacacacaa	cttattttaat	aacgtgcctc	agagtccata	ttgattttac	161700
tctagggaca	aataaggcaa	ggaattttat	atttttacat	tgtaggaaag	gtttctggga	161760
atgtatttcc	ctttccatta	ttgcaaggga	ggtggcagg	aaggatgtgg	agtaggggag	161820
gcagggtgaa	tgggagtctg	agatccaagg	tcatgagcag	tcctgcate	cctccttttt	161880
cagcccatgt	tctgtggcag	cagctgggca	tggtgggatt	gtatccccct	ggaacggttg	161940
ttgtcgtgaa	ggagatgtgt	acagtaggtg	gcgtagcaca	ttcaggcttc	aggaacatgc	162000
agaggcagct	gctgagatgc	ctttgatagg	attaccgagg	tgatagcaca	ctgcttattt	162060
catttctctca	atattttaaat	atccagtatt	tacttaacta	ttatacttca	gtgtgtagaa	162120
ccatttttaac	tttcagtttg	ggccactgta	ttggtatttt	ataatttttg	gacccaactg	162180
aaaatatttg	cggtgtgaat	tctgtatttt	gagtacaatc	tgtatcaaat	aattcagata	162240
gctcctttgc	tgagaattaa	ggataataat	ggctccctcc	tattatgaag	tgaagaaaac	162300
agagtatgtt	tgcagtaaat	tgaggataaa	aatctacctc	tatcttggtt	gcctttggaa	162360
acaattcctt	gctctaggtg	agaggagatg	ttctcattag	aactcccaaa	aatgtgttta	162420
tatttctcatc	tcccgatgtc	ttaggttcac	tgaagacaag	atgttatcac	ttgtcaatag	162480
cactattatt	ttaggtacct	cttactgtga	ggtactgtta	caaggcacag	ccaaaattat	162540
tattattttt	taaaattaaa	aggtaaactt	taatgttgaa	aatgcaaact	tggggaagac	162600
agaaaagatc	acacacaagg	ctgtcacttc	acacttagaa	ggttgccacag	cggccgggca	162660
gaggtgctcc	tcacttccca	gacggtgggg	cggccgggca	gaggcgctcc	tcacttccca	162720
gatggtgggg	cggccgggca	gaggcgctcc	tcacttccca	gacggtgggt	agctgggcag	162780
aggcgcttct	cacatcccag	atggggtggc	agccggcg	aggccctcat	cacttctaga	162840
cagttggtgg	ccaagcagag	gtgctcctca	cttcccagac	gggtggggagc	tgggtagagg	162900
cgctccttac	atcccagatg	gggcggcggc	tgggcagagg	cactcctcac	ttcccagaca	162960
gtggggagct	gggtagagg	gctcctcaca	tcccagatgg	ggcagcagcc	gggcagaggg	163020
gctcctcact	tcccagtcag	ggtggctggg	cagagcgct	cctcacttcc	cagacggggc	163080
ggcacagcca	aaattctgag	atgttaagat	gtacgaaaa	gtatacttta	gaataaaaag	163140
tacagagtgt	tggtgtctgt	tttacttata	gtatatatca	taggtggggc	atttaaaaag	163200
tttggaaaaa	ttattctaga	tatctttctc	tttttttga	gatggagtgt	cactcttgtc	163260
acccgggctg	gagtgcattg	gcacgatctt	ggcttactgc	aacctccacc	tcctgggttc	163320
aagtgattct	cctgcctcag	cctcccgagt	agctgggatt	acaggcgctc	gcatcacgc	163380
ccagctaatt	tttgtagttt	tagtagagg	ggggtttcac	catgttggct	aggctggtct	163440
tgaacttctg	acctcaggtg	atccacctgc	ctcagcctcc	caaagtgtctg	ggattacagg	163500
cgtgagccac	tgcgaccaga	tatcttaaag	ataagcccag	actttgtatt	tctgattatt	163560
cgatcccaaa	tgcccaaata	actctgtgag	ttattccagg	tactcacaga	ggttcataat	163620
tcacttatct	cccttccct	gtttggctta	agtaaaggaa	tctcacatca	aaacaggcaa	163680
atgtggcggtg	accaatttaa	gataaatatt	tgatgtaaac	actgcacatt	ttaaacaga	163740
tgcattatag	gtgattgggg	gttttacatg	gtggaaaaga	aaacatattt	tggctacttg	163800
ggattaattg	aaatggacct	ttggaagact	taagtgcct	taaataatga	gactgcttgg	163860
agactgtact	ttctcatctg	acatcacatc	ttccaagggt	acaattaagg	gcagcgcttt	163920
tccttagtgc	aggcaaaggc	aaacttatat	ttcagggtttt	ggggggccata	tagtctctat	163980
cgcaagtatt	tgactttctg	atgaagctgg	aaagcagctg	tagacagtat	atgtgaatga	164040
atgtggctaa	gtcccgataa	agctttactt	acaaacactg	aattttgaat	ttcatatgat	164100
tttcacatgt	cgcaaaacat	ttttcttttg	aatttttttt	tccttcaacc	atgaaatgac	164160
atttaaaaac	ttcttagctc	ccaggccata	caataaaaatg	gtgacaggcc	ctatttgccc	164220
cacatagttt	accaacccca	gccttactag	aaatttaggc	tgagttttct	aggcaactgt	164280
aggacagcta	tctgaaacat	tccagattgt	tcagtagccc	ctgcttttgg	cttgataga	164340
tctgaattga	actattccct	cctgcaggag	ggccggcaaa	caggagtacc	taatctttgt	164400
ttttttgttg	ttgtttttgt	ttttgttttt	gagacagagt	cttgctctgt	tgcccaggct	164460
ggagtgcact	ggcgcatct	cagctcacta	caagctccgc	ctcttgggtt	caagcatttc	164520
tctgcctca	gcctccagag	tagttgggac	tacaggcgcc	cgcaccacg	cctagcta	164580

```

ttttgtatTT ttagtagaga cggagtttca ccatattggc caggctgggt tctaactcct 164640
gaccttTgtg tctgcccgcc tcagcctccc aaagtTgctgg gactacaggc gtgagccacc 164700
gcgcctggcc taatctttTg ggTTTTTgtg aggatattct tttcctgcag aagTTTTagt 164760
gtcccttat ataatatctt ttttttttta aagacagagt ctcacgtctt caccagggct 164820
ggagtTgTgt ggtgcaaact tggcttactg caacctccac ctcctgggtt caagcaattc 164880
ccatgcctca gcctcctcag tagctgggac tacaggcata tgccatcaca cttggctaaa 164940
ttttatattt tgtatttTga gacaaggTtt cattatcttg gccaggctgg tctctacctt 165000
ttgacctcaa gcaattctcc cggctctgcc tcccaaagtT ttaggattac aggcgtgagc 165060
caccgcgcc gcccttacgt aatatctgaa ttaaaattta catttggtcg ggccatccga 165120
gaccatcctg gccaacatgg tgaaaccccT tctctactaa aatacaaaaa attagctggc 165180
tatggTggTg tgtgcctgta gtcccagcta ctcaggaggc tgaggcaggg gaatcacttg 165240
atcctggggg gcagagattg cagtTgagcca agattTgcgcc attggactga gactccgtct 165300
caaacccaca aaaaacaaaa caacacaaca acaaaaaccT aaaacttata ttaacaaac 165360
tatagtggaa aataaataaa tcattTgctg gccaggcaca gtggctcaca cctgtaatcc 165420
cagcgtttTg ggaggctgaa gcgagcaggT cacctgaggT taggagttTg agagaccagc 165480
ctggccaaca cggTgaaact ctgtctctac tagaaataca aaaattagcc aggtTgTgtg 165540
gcaggTgcat gtaatcccag ctactTggga ggccgaggca ggagaatgcc ttgaaccag 165600
gagacagagg ttgcatgagc caagattgca gcattgcact ccagcctggg gcaacaagag 165660
cgaaactcca tctcaaataa ataaataaat aaataaataa ataaataaat cattTgctta 165720
caaaacagtt gctaaagtct tgaagaatag tagctgaagc Tgttatttat atagaatgtt 165780
acctgctgtc atttatacaa agatccattc tataaattcc tatttttagtt tactaccaga 165840
aaagaaactg acatctctct tttccctttt tgtctatctg Tgtatatgta gaaataaaaa 165900
ccttataacc caataaattt ccattttTgcc ttattttctgg gtgattttta cactcagttg 165960
tcttattttg cgtgatgatt ttTggggTgT gggggagcag gatggggaga ggggggtctc 166020
tgtcatactg gctggagTgc agTggcatga tcatgactca ttgcagcctc aaccctccag 166080
ggctcaagtg atcctcctac cccagTctcc caagttagctg ggattacatg cacgtaccac 166140
cacaccagc taattttttct tttttgtTgt Tgttgagatg ggtcttgct atgttgctta 166200
ggctggTcct gaactcctgg gcttaaacga tctgcctgcc ttggcctccc aaagtTgctg 166260
gattacaaat gtgagcttct gcatcccgcc aatgctgttc taatgctaga actcatttca 166320
caagcaaaga agttcagcag tgagctcatg cttgtggaat tcattggTgt taacatgttc 166380
ccaccatcct gaaacagctt gcatcctagg tctgtagttt ccattggggT tttgggtact 166440
tctagattac gtctcattgt ggaggTgggg tttcacaaga ctggaagact tctgtatgaa 166500
aacatgtcag ctccaaggca atgacttcaa acagcatggT actccccctt gctttactta 166560
gtgtctatac tgcacgtgtt caggccctac ttcctTgtgt tgaaagtcgc ctctttgaca 166620
agttgggtTg tttcccaggc ctttgagaa gctcataggT aaaagctTgc aactcatctg 166680
ccagctggga aggccgaagg aatgggtagt ctttgctTgc ccacatcctc aggctgaaag 166740
ctt 166743

```

//